

XCA350 / All Terrain Crane

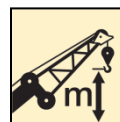
Technical specifications



350 t




70 m



133 m




Technical specifications


 Chassis	Config-uration
Frame Designed and manufactured by XCMG, with all covered walking surface, made of import-ed high strength steel with inverted trapezoid cross section.	●
Outri- gger 4 outriggers, H-shaped arrangement, lateral and vertical outrigger controlled by the hydr-aulic. Both sides of the chassis equipped with electronic control console, luminous level gauge, lamp and accelerator buttons. Half-extended,and fully extended positions and push-pull outrigger floats are available. Out-rigger pressure detection and protective sys-tem contributes to improved operation safety.	●
Engine OM502LA.E3B/2, V-type eight-cylinder liquid cooling EFI diesel engine, manufa- ctured by Benz, rated power 442.6kw / 1800 rpm, max. torque 2800N.m /1300 rpm, China national V emission standards. Fuel tank capacity : 450L. OM502LA.E3A/3, V-type eight-cylinder liquid cooling EFI diesel engine, manufa- ctured by Benz, rated power 421.5kw / 1800 rpm, max. torque 2700N.m /1300 rpm, China national III emission standards.	● ○
Hydr- aulic system The variable displacement pump is connected to the engine through PTO for controlling the movements of outriggers, steering, suspension and heat dissipation.	●
Gearb- ox Electric controlled transmission with hydraul-lic torque converter imported from ZF Germany equipped with retarded brake, with 16 forward gears and 2 reverse gears available	●
Transf- ercase Mechanical transfer box is originally import-ed from KESSLER Germany, equipped with an emergency steering oil pump.	●
Axles High strength axle with reliable performance, imported originally from KESSLER Germany, equipped with pneumatically controlled drum brake. The 4th axle is fitted an axle-disconn-ecting device. 1st, 3rd and 5th alxes driving is applied during normal road travel, and 1st, 3rd, 4th and 5th alxes driving on complex road conditions.	●

Chassis	Config-uration
Suspe- nsion Hydro-pneumatic suspension is adopted for all axles, providing good shock absorbing effect. Functions of automatic leveling, susp-ension lifting, elastic/rigid state switch-over, etc. are available. Stroke of suspension cylinder : -100mm ~ +140mm.	●
Tyres 12 tires, each axle is equipped with single tyre, large bearing capacity. Tyre specifications:445/95R25(14.00R25). 12 tyres, each axle is equipped with single tire, manufactured by Michelin, large bearing capacity. Tyre specifications: 445/95R25(14.00R25)	● ○
Steeri- ng 445/95R25(14.00R25)anced electro-hydraulic proportional steering control is suitable for various demands of working conditions, some steering modes followed may be realized.	●
Brakes Service brake: double-circuit air pressure brake, acting on all wheels. Parking brake: spring energy brake, acting on wheels of 2-6 axles. Auxiliary brake: engine brake, transmission retarded brake.	●
Driver 's cab New type steel structure full dimension cab with suspension connecting structure, and there is shock absorb fitted at the rear of the cab, equipped with adjustable seats, safety glass of electrically operated door window lift , electric-adjustable mirrors, steering wheel adjustable in height and angle, reverse displayer, large screen liquid crystal display. Combined control panel reasonably arranged ergonomically designed concept. Heater and air conditioner are standard.	●
Electr- ical System DC 24 volts is in series with two 12-volt battery packs.	●

Technical specifications

	Superstructure	Configuration	Superstructure	Configuration
Frame	Designed and manufactured by XCMG, made of high-strength steel	●	Operator's cab	Large arc glass, swing-out door, adjustable seat, equipped with safety glass and top protective rails, LMI, controller box, electric wind shield wipers, engine accelerator pedal, engine start switch and windshield visor, etc. are also available. heater and air conditioner are standard.
Superstructure engine	OM936 LA.E3A/1, In-line six-cylinder water-cooled EFI diesel engine, manufactured by Benz, rated power 205kw / 2200 rpm, max. torque 1100N.m / 1200~1600 rpm, China national III emission standards. Fuel tank capacity : 290L.	●		
Hydraulic system	Variable pump driven by superstructure engine, used for hoisting, elevating, telescoping and slewing operation. Imported electro-hydraulic direction valve, matching perfectly stably. Large power Air-cooled hydraulic oil cooler, which may effectively reduce the temperature of oil in the system.	●	LMI	The safety protection device is installed in operator's cab. When actual moment approaches overload value, it may send out visual alarm, and automatically stop dangerous movements before overloading. Overload memory function (black box) and fault self-diagnosis function are available.
Operating mode	Variable continuous speed regulation. Electric proportional pilot control of all operation of hydraulic pump and proportional valve to control the crane by 2 control handle.	●		
Main winch system	Hydraulic controlled speed regulation, with groove drum equipped, driven by hydraulic variable motor through planetary gear reducer, and with built-in constant closed brake, equipped with imported wire rope and pouch socket.	●	Electrical System	DC 24 volts is in series with two 12-volt battery packs.
Luffing winch mechanism	Hydraulic controlled speed regulation, with groove drum equipped, driven by hydraulic variable motor through planetary gear reducer, and with built-in constant closed brake, equipped with imported wire rope and elevating pulley block.	○		
Slewing system	Single row four-point ball contact external gearing slewing ring and right-arranged double slewing mechanism. driven by a hydraulic motor, with a planetary gear reducer and a normally closed brake equipped, for 360° continuous rotation. Power control and free slewing function as well as stepless speed regulation are available.	●	Single top	Installed at the boom top, used for single line operation. Its lifting performance is the same as that for boom, but the max. lifting load could not exceed 12.5t.

Technical specifications

	Boom system	Config-uration
Boom	6-section, U-shape cross section, welding structure. Single-cylinder pinning interlocked telescoping system. One double-acting cylinder with safe valve assemblies used for control of the telescoping movement of all booms, 46%, 92% and 100% telescoping pattern are available. Boom length:14.9m ~ 70m.	●
Jib	Lattice welding structure, with 0° , 20° , 40° and 60° jib offset angles available. Jib length: 6m~42m. Length of wind power jib: 8m.	○
Luffing jib	Lattice structure, with 68° , 75° and 82° boom angles available. 78m luffing jib (including fixed jib) 78m luffing jib 48m luffing jib (including fixed jib) 48m luffing jib	○ ○ ○ ○ ○
Super-lifting	Y-type super lifting device may be installed at the end of the basic boom. The design of two parts of line super lifting wire rope enables the pulling force of the super lifting double improving. With the super lifting device, under longer boom length, the boom deflection may be reduced by 20%-30%, and the lifting performance be doubled.	○

**Product parts list is as mentioned above.
Please refer to the product quotation for specific parts**

● —Standard

○ —Optional

Weight



Axle	1	2	3	4	5	6	Total weight
t	12	12	12	12	12	12	72 ¹⁾
t	17.2	17.2	12.9	12.9	12.9	12.9	86 ²⁾
t	9.5	9.5	21.8	21.8	21.8	21.8	106 ³⁾

1) For the superstructure, counterweight, super lifting device, single top, hook block, fixed jib, luffing jib and railings are excluded. For the chassis, spare tyre, spare tyre bracket, fixing device of super lifting device and outrigger floats are excluded. Driving type: 12×8; tire specification: 385/95R25

2) For the superstructure, counterweight, single top, fixed jib and luffing jib are excluded.
Driving type: 12×8; tire specification: 385/95R25

3) For the superstructure, counterweight base of 20t is included, while single top, fixed jib and luffing jib are excluded
Driving type: 12×8; tire specification: 385/95R25

The normal weight and axle load listed in the table are values when 385/95R25 tires are equipped.
When equipped with optional tires 445/95R25, the GVW is increased by 696kg and the axle load for each axle is added by 116 kg.




Weight








Hook	No. of lines	Weight kg	Remarks
170t	14	1900	Double hook , Optional
85t	7	1400	Double hook Standard
40t	3	1100	Single hook , Standard
12.5t	1	460	Single hook , Standard

Working speeds



	 Km/h	
385/95 R 25 (14.00 R 25)	2 ~ 80	57%
445/95 R 25 (16.00 R 25)	3 ~ 85	52%



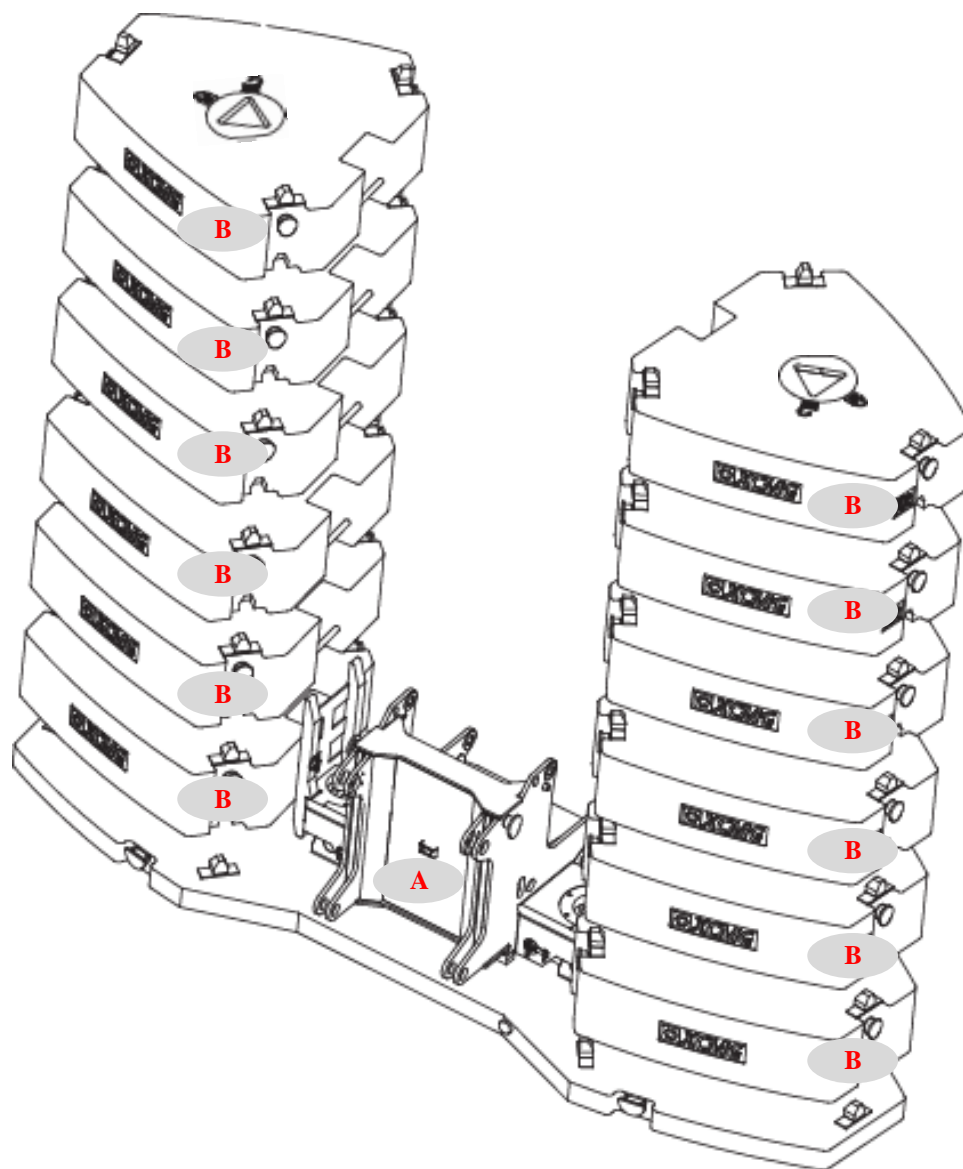
Drive	Working speed	Max. single line pull	Rope diameter/ length
	0-130 m/min, single line, 5th layer, no load	12.5 t	23 mm/350 mm
	0-70 m/min, single line, 5th layer, no load	12.5t	23 mm/700 mm
	0-1.2 r/min		
	Approx. 72s for boom elevation from -1° to 83°		
	Approx. 900s for boom extension from 14.9m to 70m		

Weight



Drive	Working speed	Max. single line pull	Rope diameter/ length
	0-130 m/min, single line, 5th layer, no load	12.5 t	23 mm/350 mm
	0-70 m/min, single line, 5th layer, no load	12.5t	23 mm/700 mm
	0-1.2 r/min		
	Approx. 72s for boom elevation from -1° to 83°		
	Approx. 900s for boom extension from 14.9m to 70m		

Counterweight

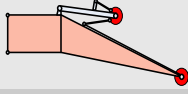


Counterweight	A	B
Size (L×W×H) m	6.7×2.4×1.7	2.1×2.2×0.6
Weight t	20	10

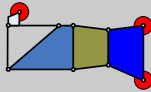
Working mode	140t	120t	100 t	80 t	60 t	40 t	20 t
Combinations	A+B×12	A+B×10	A+B×8	A+B×6	A+B×4	A+B×2	A

Boom / Jib combinations

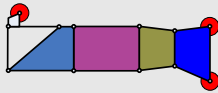
Wind Jib – 8m



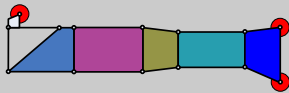
Fixed jib – 6m



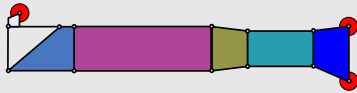
Fixed jib – 12m



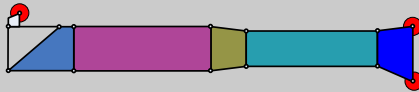
Fixed jib – 18m



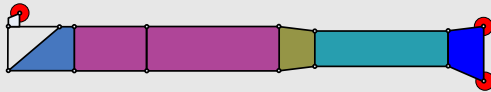
Fixed jib – 24m



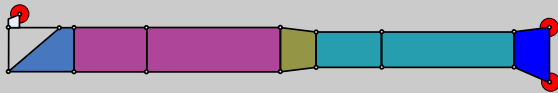
Fixed jib – 30m



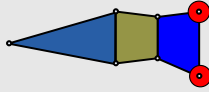
Fixed jib – 36m



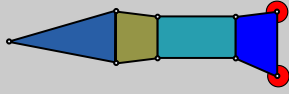
Fixed jib – 42m



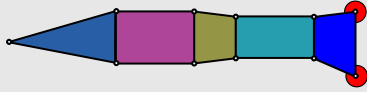
Luffing jib – 12m



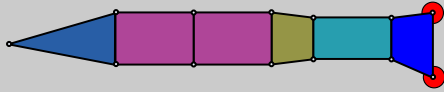
Luffing jib – 18m



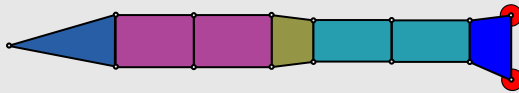
Luffing jib – 24m



Luffing jib – 30m



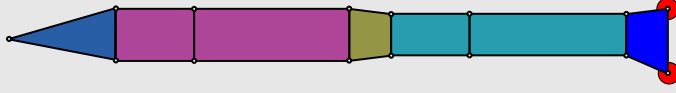
Luffing jib – 36m



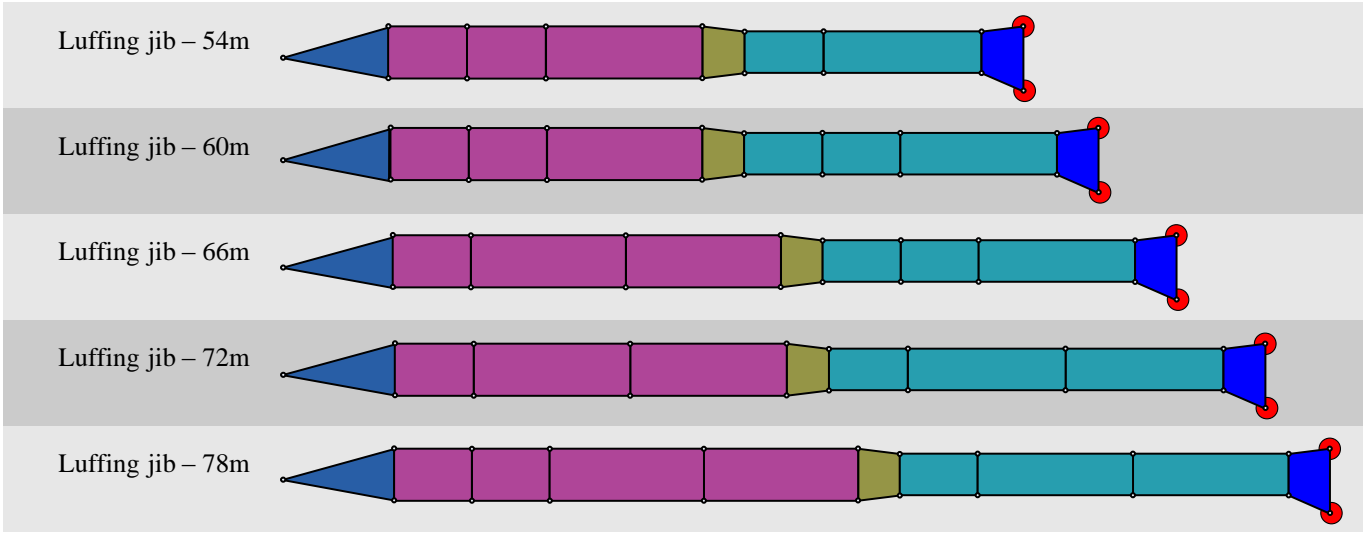
Luffing jib – 42m



Luffing jib – 48m



Boom / Jib combinations



Component	Structure	Size (L×W×H) m	Weight kg
Fixing subassembly		12×2.0×2.7	8000
Swinging bracket		3.3×2.3×1.8	2500
Jib extension I		6.2×1.8×1.5	860
Jib extension II		6.2×1.6×1.2	790
Jib extension III		12.3×1.8×1.5	1500
Jib extension IV		12.3×1.6×1.2	1400
Transition section		1.7×1.7×1.4	320
Head section		1.8×1.5×1.6	700
Wind jib		8×0.73×1.2	2192

Boom / Jib combinations



Telescopic boom

T : 14.9~70 m

Super lifting telescopic boom

T : 20~70 m

Super lifting wind jib

**T:60.5~70 m
W:8 m**

Boom / Jib combinations



Fixed jib

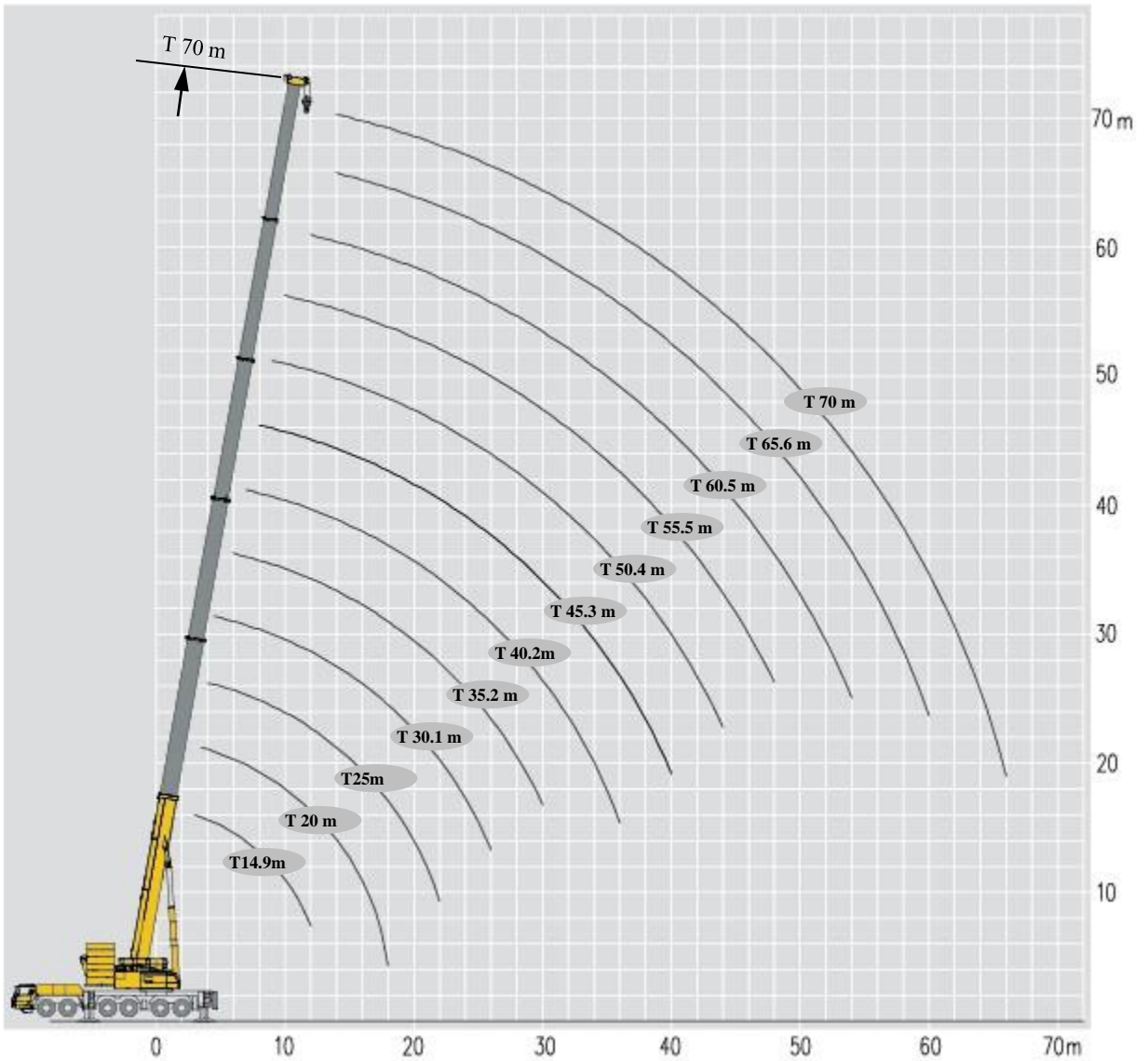
T : 14.9~65.6m+ 2.2 m
F : 6~42 m

Super lifting fixed Jib


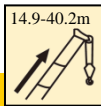
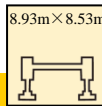

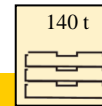

T : 40.2~65.6m+ 6 m
F : 6~42m

Super lifting fixed Jib



T : 40.2~65.6m+ 6.7 m
F : 12~7.8m




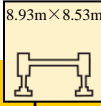



Lifting capacities

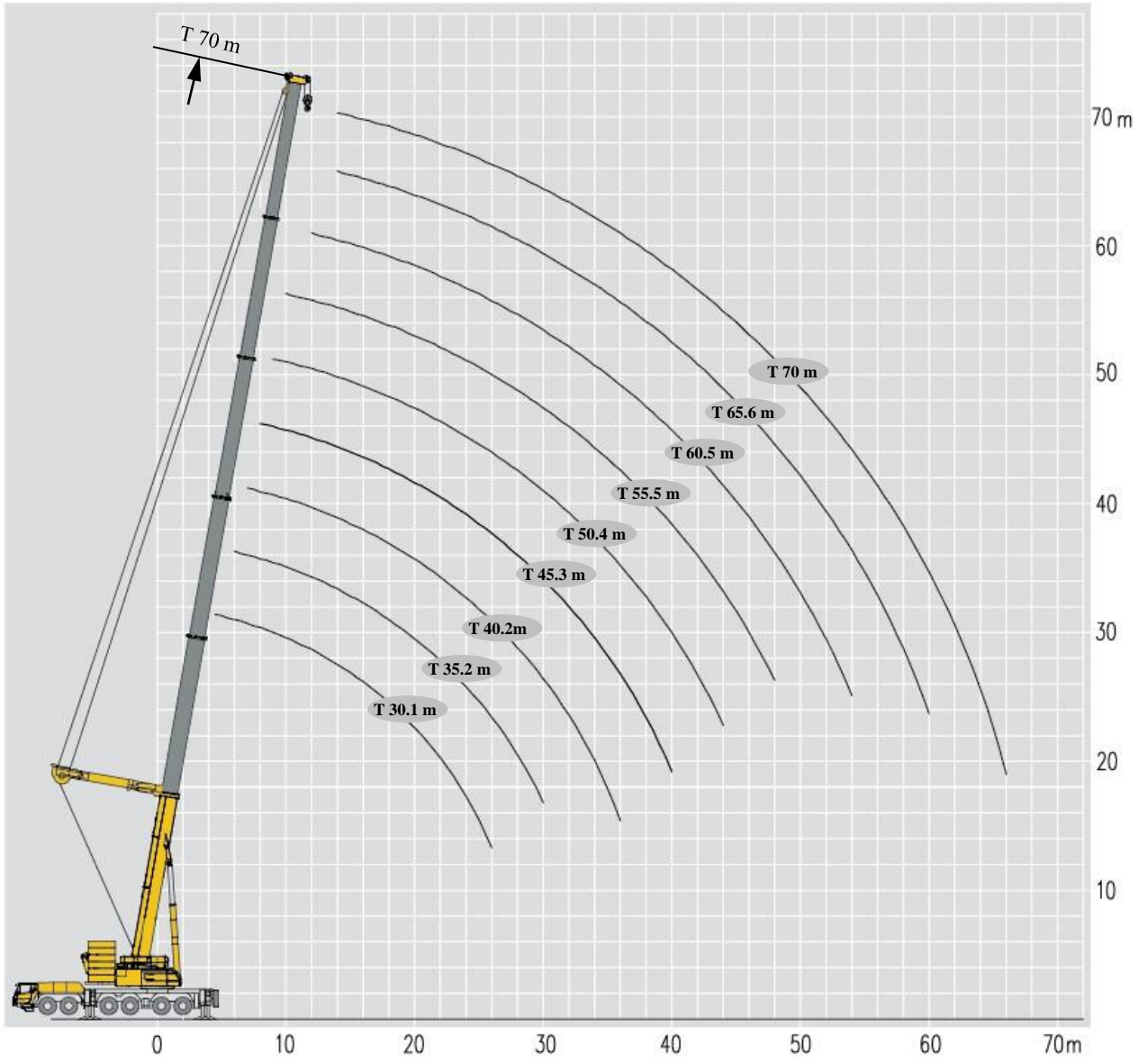
	   										
	14.9	20	20	20	25	25	25	30.1	30.1		
3	350*										
3	170										3
3.5	170	114.9	156.0	162.0							3.5
4	170	108.5	156.0	162.0	106.4	155	154.1				4
4.5	156	103.1	156.0	162.0	104.7	149	148.1	80.9	115.5		4.5
5	156	98.1	152.0	161.0	104.8	146.2	146.2	76.6	110.7		5
6	149	89.6	145.0	136.0	97.2	132.3	132.3	68.8	102.6		6
7	133	82.4	128.0	122.0	90.8	121.1	119.0	62.0	95.9		7
8	120	76.2	115.0	110.0	84.9	109.3	107.0	56.6	90.1		8
9	109	71.0	107.0	100.0	78.9	98.4	97.4	51.7	85.1		9
10	100.8	66.4	99.0	92.0	73.2	89.2	88.2	47.9	79.1		10
12	80.0	59.2	85.0	78.0	65.0	77.3	76.3	41.5	65.8		12
14		53.5	73.0	68.0	57.6	68	67.0	36.4	57.0		14
16		49.0	59.5	58.5	51.2	60.8	59.0	32.5	48.4		16
18		46.3	42.0	41.2	45.8	54.2	52.0	29.2	43.5		18
20					38.5	44.3	43.4	26.5	40.9		20
22					33.2	38.4	37.5	24.3	37.4		22
24								22.4	33.4		24
26								20.7	28.6		26
combination	00000	00001	00010	00100	00011	00110	01100	00021	00111		combination
Parts of line	14	11	14	14	10	14	14	8	11		Parts of line
Weight	1.9t										Weight

*表示加特殊装置性能。力限器和显示器统一不做加*性能。

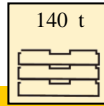
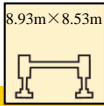
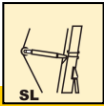
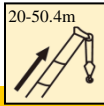
												
	30.1	30.1	35.2	35.2	35.2	35.2	40.2	40.2	40.2	40.2		
4.5	126.6	125.8										4.5
5	115	114.2										5
6	113	112.1										6
7	106.5	104.7	50.7	78.0	73.9	88.2	48.9	49.1	73.5	60.9		7
8	103.6	101.6	50.6	79.2	72.6	86.6	47.8	46.9	71.2	58.8		8
9	97	95.0	50.6	79.4	71.5	85	47.8	46.0	69.7	57.9		9
10	88	87.0	51.0	79.8	71.2	84.2	48.3	45.7	69.1	57.7		10
12	73.6	72.6	45.9	71.0	63.5	74.4	46.6	42.9	64.9	54.5		12
14	63.6	62.6	39.5	60.4	54.0	62.4	44.3	39.6	60	50.7		14
16	53.5	52.6	34.4	52.2	46.2	54	40.3	35.3	54	45.3		16
18	48	47.1	31.4	46.7	41.0	48.5	36.0	31.0	47.5	39.0		18
20	45	44.0	28.0	41.0	35.6	42.5	32.8	27.7	42.6	34.8		20
22	41.5	39.6	26.9	38.9	33.4	38.6	29.9	25.1	38.5	31.2		22
24	35.5	34.6	24.2	34.5	29.4	34.6	26.6	22.3	34.4	27.4		24
26	30.2	29.3	22.8	32.2	26.9	32.1	23.9	19.9	30.9	24.4		26
28			20.5	28.6	23.5	28.1	21.3	17.5	27.2	21.3		28
30			18.4	25.5	21.0	25.3	19.3	15.6	24.5	18.9		30
32							17.5	14.0	22.1	16.9		32
34							16.8	13.2	21.1	16.1		34
36							15.6	12.3	19.8	14.8		36
combination	01110	11100	00112	01111	21100	11110	01112	02111	11111	21110		组合 combination
Parts of line	12	12	5	7	7	9	5	5	7	6		Parts of line
Weight	1.9t			1.4t			1.9t	1.4t				Weight

Lifting capacities

											
	45.3	45.3	45.3	45.3	50.4	50.4	50.4	50.4	55.5	55.5	
8	48.0	56.3	55.2	60.1							8
9	44.9	53.7	52.0	56.4	40.4	50.5	48.9	52.6			9
10	41.6	50.8	48.2	52.8	38.4	47.3	46.2	49.9	32.4	39.4	10
12	35.9	46.5	43.1	47.3	34.2	42.5	40.6	42.5	30.4	36.8	12
14	31.0	41.1	37.3	40.8	30.3	38.2	35.2	37.0	26.5	34.2	14
16	28.8	38.6	34.5	36.9	26.7	34.4	31.2	32.5	23.5	31.4	16
18	26.4	35.4	31.7	33.7	23.9	31.8	27.9	28.6	21.1	28.7	18
20	23.8	32.0	28.8	30.5	21.4	29.7	24.9	25.6	18.9	26.4	20
22	22.3	30.1	27.1	28.3	19.4	27.6	22.6	23.0	17.1	24.4	22
24	20.7	28.2	25.5	27.2	17.6	25.5	20.5	20.9	15.5	22.8	24
26	19.1	26.0	23.5	25.5	16.0	25.7	18.7	18.9	14.2	21.5	26
28	17.5	24.1	21.7	24.2	14.7	22.3	17.0	17.3	13.0	20.6	28
30	16.2	22.5	20.0	23	13.5	20.6	15.7	15.8	12.1	19.5	30
32	14.9	21.0	18.6	21.9	12.6	19.4	14.6	14.5	11.2	18.4	32
34	13.8	19.7	17.3	20.3	11.8	18.3	13.5	13.4	10.3	17.4	34
36	12.8	18.5	16.1	19.2	10.9	17.3	12.5	12.4	9.6	16.4	36
38	12.0	17.5	15.1	18.3	10.1	16.4	11.7	11.6	9.0	15.5	38
40	11.2	16.4	14.0	16.6	9.5	15.5	10.9	10.7	8.3	14.7	40
42					8.8	14.6	10.2	9.9	7.8	13.9	42
44					8.2	13	9.5	9.1	7.3	12.8	44
46									6.8	12.3	46
48									6.2	11.6	48
combination	02211	11112	12111	21111	02221	11122	12211	22111	02222	11222	combination
Parts of line	5	6	5	6	4	5	5	5	3	4	Parts of line
Weight	1.4t								1.1t	1.4t	Weight
	55.5	55.5	60.5	60.5	65.6	70					
10	34	34.6									10
12	33.1	34.5	29	27.1							12
14	30.4	31.7	28.5	26.7	22.7	17.4					14
16	26.8	27.7	26.9	24.7	22.2	17.4					16
18	23.8	24.6	25	21.9	21.8	17.4					18
20	21.5	21.9	23.7	19.5	20.6	17.1					20
22	19.4	19.6	22	17.5	19.4	17					22
24	17.6	17.7	20.6	15.8	18.2	16.7					24
26	16.0	16.1	19	14.3	17.3	16.4					26
28	14.7	14.6	18.8	13.1	16.2	15.4					28
30	13.5	13.3	17.3	12.0	15.5	14.7					30
32	12.5	12.3	16.7	10.9	14.8	14.3					32
34	11.6	11.3	15.7	10.0	14	13.9					34
36	10.7	10.3	14.8	9.2	13.3	12.8					36
38	10.0	9.5	13.9	8.5	12.6	12.5					38
40	9.2	8.8	13	7.8	12	12.1					40
42	8.7	8.2	12.5	7.3	11.5	11.4					42
44	8.0	7.5	11.8	6.6	11	10.6					44
46	7.5	7.0	11.3	6.1	10.5	10.4					46
48	7.0	6.3	10.8	5.6	10	9.7					48
50			10.3	5.2	9.3	9.1					50
52			9.8	4.7	9	8.8					52
54			9.4	4.4	8.9	8.2					54
56					8.5	7.9					56
58					8.2	7.5					58
60					7.9	7.4					60
62						6.9					62
64						6.6					64
66						6.4					66
combination	12221	22211	12222	22221	22222	33333	combination				
Parts of line	3	3	3	3	2	2	Parts of line				
Weight	1.1t										Weight



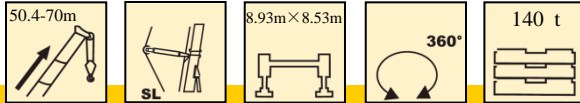
Lifting capacities



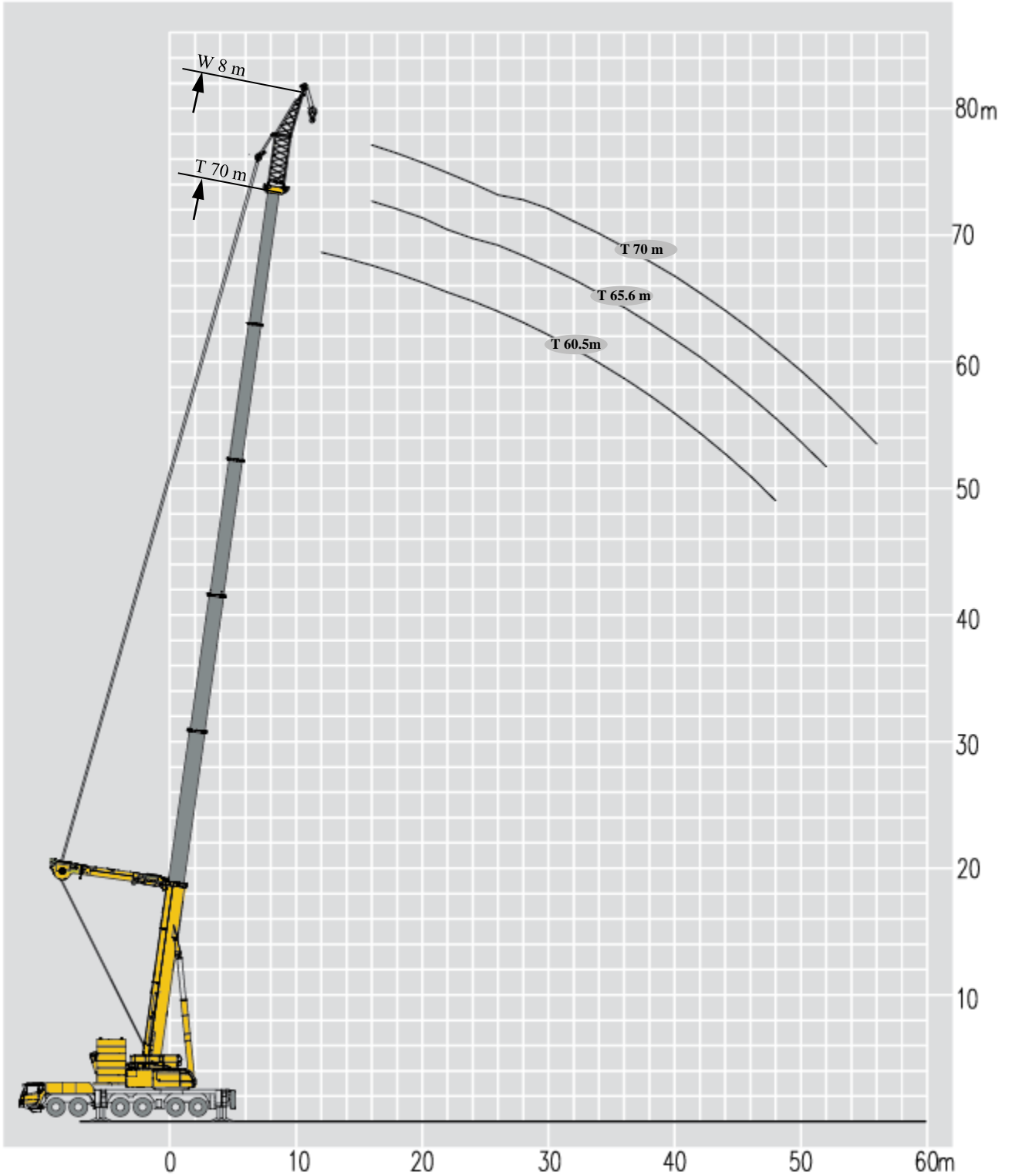
	25	30.1	30.1	30.1	30.1	35.2	35.2	
3.5								3.5
4	106.4							4
4.5	104.7	80.9	114.3	113.7	113.2			4.5
5	104.8	76.6	114.3	113.6	112.0			5
6	97.2	68.8	114.2	113.5	111.0	102.2	103.0	6
7	90.8	62.0	114.1	113.4	108.5	102.0	102.5	7
8	84.9	56.6	110.0	108.0	105.6	101.1	102.0	8
9	78.9	51.7	102.0	100.0	100.0	97.1	99.0	9
10	73.2	47.9	91.5	90.6	90.1	91.0	92.0	10
12	65.0	41.5	83.0	79.1	82.0	78.0	80.0	12
14	57.6	36.4	80.0	68.3	71.0	67.0	73.0	14
16	50.4	32.5	72.0	60.4	62.2	59.0	69.0	16
18	44.0	29.2	60.0	52.1	55.0	52.0	60.3	18
20	38.5	26.5	51.0	46.5	48.3	46.3	52.6	20
22	29.1	24.3	44.6	41.2	44.0	41.0	44.5	22
24		22.4	39.0	36.7	39.0	36.0	39.0	24
26		20.7	33.1	30.3	32.0	32.4	35.2	26
28						29.1	31.5	28
30						25.4	27.6	30
combination	00002	00012	00021	01110	00111	11110	01111	combination
Parts of line	10	8	10	10	10	9	9	Parts of line
Weight	1.9t							Weight

	35.2	40.2	40.2	40.2	45.3	45.3	45.3	50.4	
6	102.3								6
7	101.6	93.0	93.0	93.2					7
8	100.8	90.0	90.2	91.5	77.3	78.0	77.6		8
9	94.0	87.6	88.0	90.6	76.2	77.0	76.2	71.0	9
10	86.0	84.1	84.1	85.0	75.2	76.0	75.0	70.0	10
12	74.0	76.0	76.0	77.0	72.1	73.0	72.0	68.5	12
14	64.0	68.0	69.0	71.0	67.2	68.2	67.0	64.0	14
16	56.0	60.0	61.0	66.0	59.0	61.5	60.1	59.0	16
18	50.0	52.0	53.0	60.5	52.0	58.0	52.8	55.3	18
20	45.0	47.0	49.0	52.8	47.0	53.5	46.3	52.0	20
22	39.0	42.3	43.6	45.6	42.0	47.0	43.0	47.0	22
24	36.0	38.0	39.0	40.0	37.0	41.0	38.0	41.5	24
26	33.0	34.4	35.4	36.4	34.5	36.5	34.0	36.8	26
28	30.0	30.1	31.0	33.0	31.2	33.0	31.7	33.0	28
30	26.1	27.1	28.1	29.0	28.0	30.0	29.0	30.0	30
32		23.2	24.2	26.0	25.1	27.0	26.0	27.2	32
34		22.8	23.1	24.0	22.9	24.8	23.8	25.2	34
36		18.3	19.2	21.0	21.1	23.0	22.0	22.6	36
38					20.0	21.0	21.0	21.0	38
40					17.0	18.4	18.0	19.3	40
42								17.5	42
44								16.4	44
46								14.5	46
combination	00112	11111	02111	01112	12111	11112	02211	11122	combination
Parts of line	9	8	8	8	7	7	7	6	Parts of line
Weight	1.9t				1.4t				Weight




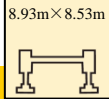
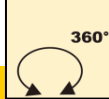
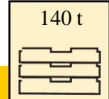

Lifting capacities

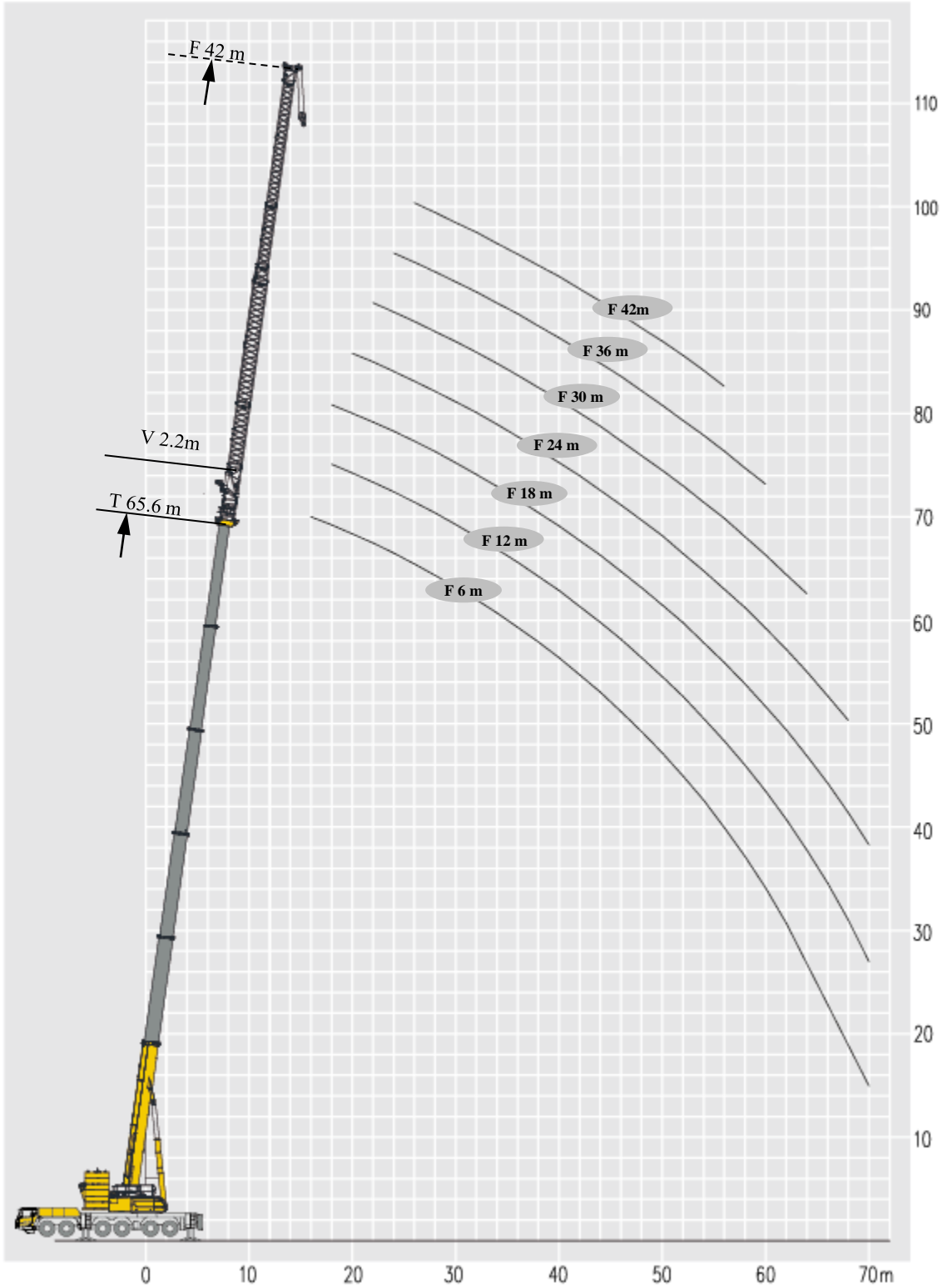


	50.4	50.4	55.5	55.5	55.5	60.5	60.5	65.6	70	
9	70.3	66.6								9
10	69.2	65.5	62.0	62.0	62.2	54.5	54.3			10
12	67.6	64.2	61.8	61.6	62.0	54.2	53.5	43.2	36.4	12
14	63.1	60.5	61.5	61.5	61.8	54.1	53.3	42.6	36.2	14
16	58.0	54.0	59.0	58.0	59.0	53.9	53.0	41.0	35.5	16
18	52.3	47.6	52.0	51.5	56.4	52.0	52.0	40.5	35.0	18
20	47.5	43.0	46.4	45.8	53.3	49.2	46.0	40.0	35.5	20
22	42.0	38.0	42.6	40.0	49.0	45.7	42.0	39.4	34.7	22
24	36.5	33.7	36.0	35.9	43.0	41.2	37.0	39.2	34.3	24
26	34.5	31.0	33.2	33.5	38.1	36.5	34.0	35.7	34.0	26
28	31.2	29.0	31.6	31.2	34.0	32.7	31.0	32.0	31.5	28
30	27.6	25.1	28.9	28.1	30.9	29.3	28.4	29.0	29.0	30
32	26.2	24.0	27.0	26.0	28.0	26.5	26.5	26.3	26.7	32
34	24.2	22.3	25.0	24.0	25.0	24.1	24.1	24.6	24.0	34
36	21.7	20.4	23.2	22.2	23.2	22.0	21.0	22.0	22.0	36
38	20.0	19.6	21.1	21.1	21.1	20.4	19.5	20.5	19.9	38
40	18.4	17.5	19.0	18.1	19.0	18.7	18.7	19.0	18.2	40
42	16.6	15.9	16.8	16.8	17.7	17.0	16.1	17.2	16.9	42
44	15.4	14.5	16.4	15.5	16.4	15.8	14.9	15.6	15.8	44
46	12.4	13.4	15.0	14.1	15.0	14.7	13.8	14.3	14.2	46
48			13.6	12.9	13.8	13.3	12.3	12.9	13.4	48
50			12.1	11.5	12.4	12.2	11.1	11.8	12.5	50
52						11.1	10.0	11.0	11.4	52
54						10.4	9.5	10.2	10.4	54
56						9.3	8.0	9.1	9.5	56
58								8.7	8.7	58
60								7.7	8.0	60
62								6.8	7.3	62
64									6.8	64
66									6.0	66
combination	12211	02221	11222	12221	02222	12222	22221	22222	33333	combination
Parts of line	6	6	5	5	5	5	5	4	3	Parts of line
Weight	1.4t								1.1t	Weight


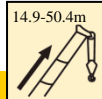
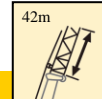
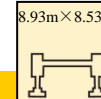
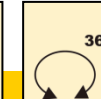
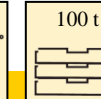



Lifting capacities

	     				
	60.5 m	60.5 m	65.6m	70 m	
	8 m	8 m	8 m	8 m	
12	47.5	47.0			
14	46.0	45.6			14
16	43.7	43.5	37.0		16
18	40.6	40.8	36.4	36.1	18
20	38.1	38.3	35.8	30.1	20
22	34.8	34.7	30.1	28.3	22
24	30.1	30.3	28.5	27.1	24
26	28.4	28.6	27.2	25.8	26
28	26.8	27.2	26.0	24.6	28
30	25.6	26.1	24.7	23.3	30
32	24.3	24.7	23.5	22.4	32
34	23.1	23.7	22.6	21.2	34
36	22.2	22.6	21.3	20.3	36
38	21.0	21.6	20.5	19.5	38
40	19.0	20.0	19.7	18.6	40
42	18.0	19.0	18.0	18.0	42
44	17.0	17.0	17.0	17.0	44
46	15.0	16.0	16.0	16.0	46
48	14.0	15.0	15.0	15.0	48
50			14.0	14.0	50
52			13.0	13.0	52
54				12.0	54
56				11.0	56
combination	22221	12222	22222	33333	combination
Parts of line	4	4	3	3	Parts of line
Weight	1.4t		1.1t		Weight



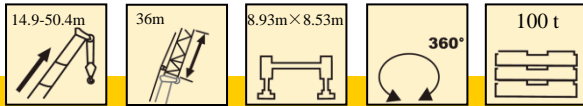
Lifting capacities

	 14.9-50.4m	 42m	 8.93m×8.53m	 360°	 100 t				
	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m			
	42 m	42m	42 m	42m	42m	42 m	42 m		
10	10.4							10	
12	9.3							12	
14	8.4							14	
16	7.6	12.4						16	
18	6.9	11.6	11.1	11.0				18	
20	6.3	10.8	10.5	10.4	9.8	9.4		20	
22	5.8	10.0	9.9	9.7	9.3	9.0		22	
24	5.4	9.3	9.3	9.1	8.8	8.5		24	
26	5.0	8.6	8.7	8.6	8.4	8.1		26	
28	4.6	8.0	8.2	8.0	7.9	7.7		28	
30	4.3	7.4	7.6	7.5	7.5	7.3		30	
32	4.0	6.9	7.1	7.1	7.1	6.9		32	
34	3.7	6.4	6.6	6.6	6.7	6.6		34	
36	3.4	6.0	6.2	6.2	6.4	6.2		36	
38	3.2	5.6	5.9	5.8	6.0	5.9		38	
40	2.9	5.2	5.5	5.4	5.6	5.6		40	
42	2.7	4.8	5.1	5.1	5.3	5.3		42	
44	2.5	4.5	4.8	4.8	5.0	5.0		44	
46	2.4	4.3	4.5	4.5	4.7	4.7		46	
48	2.2	4.0	4.3	4.2	4.5	4.3		48	
50	2.1	3.7	4.0	4.0	4.2	4.0		50	
52	1.9	3.5	3.8	3.8	4.0	3.7		52	
54		3.3	3.6	3.5	3.7	3.4		54	
56		3.1	3.4	3.4	3.6	3.1		56	
58		2.9	3.2	3.1	3.4	2.8		58	
60		2.7	3.0	3.0	3.2	2.5		60	
62		2.5	2.8	2.8	2.9	2.3		62	
64		2.4	2.6	2.6	2.6	2.0		64	
66		2.2	2.4	2.4	2.3	1.8		66	
68		2.1	2.3	2.2	2.1	1.5		68	
70		1.9	2.2	1.9	1.8			70	
72		1.8	2.0	1.8	1.6			72	
74		1.7	1.9	1.5				74	
76			1.7					76	
combination	00000	11111	21111	12111	22111	12211		combination	
Parts of line	1	2	1	1	1	1		Parts of line	
Weight	0.46t	1.1t	0.46t						Weight

Lifting capacities

	55.5-65.6m		42m		8.93m×8.53m		360°		100 t		
	55.5+2.2 m		55.5+2.2 m		60.5+2.2m		60.5+2.2m		65.6+2.2 m		
	42 m		42m		42 m		42m		42m		
10											10
12											12
14											14
16											16
18											18
20											20
22	8.4		7.9								22
24	8.0		7.6		6.1		5.7				24
26	7.7		7.4		5.9		5.5		4.1		26
28	7.4		7.1		5.8		5.3		4.0		28
30	7.1		6.8		5.7		5.1		3.9		30
32	6.8		6.5		5.6		4.9		3.8		32
34	6.5		6.1		5.4		4.7		3.7		34
36	6.1		5.8		5.3		4.5		3.6		36
38	5.9		5.4		5.0		4.3		3.5		38
40	5.6		5.1		4.8		4.1		3.4		40
42	5.3		4.7		4.5		3.9		3.3		42
44	5.0		4.4		4.2		3.7		3.1		44
46	4.7		4.1		3.9		3.4		2.9		46
48	4.4		3.7		3.6		3.1		2.7		48
50	4.1		3.4		3.4		2.9		2.5		50
52	3.8		3.1		3.1		2.6		2.4		52
54	3.5		2.9		2.9		2.4		2.2		54
56	3.3		2.6		2.6		2.1		2.0		56
58	3.0		2.3		2.4		1.9				58
60	2.7		2.1		2.2						60
62	2.4		1.9								62
64	2.1										64
66	1.9										66
68											68
70											70
72											72
74											74
76											76
combination	22211		12221		22221		12222		22222		combination
Parts of line	1		1		1		1		1		Parts of line
Weight					0.46t						Weight

Lifting capacities

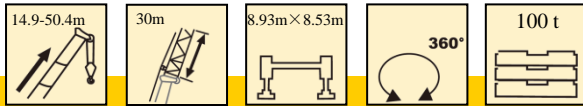


	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	36 m	36m	36 m	36m	36m	36m	
9	12.5						9
10	11.8						10
12	10.5						12
14	9.3	15.0					14
16	8.5	14.0	13.4	13.3			16
18	7.7	13.0	12.6	12.5	11.9	11.4	18
20	7.0	12.0	11.9	11.7	11.3	10.9	20
22	6.5	11.3	11.3	11.1	10.8	10.4	22
24	6.0	10.4	10.6	10.4	10.2	9.9	24
26	5.6	9.6	9.8	9.8	9.7	9.4	26
28	5.1	8.9	9.2	9.2	9.1	8.9	28
30	4.7	8.3	8.6	8.6	8.6	8.5	30
32	4.4	7.7	8.1	8.0	8.2	8.0	32
34	4.0	7.2	7.5	7.5	7.7	7.6	34
36	3.7	6.8	7.1	7.1	7.3	7.2	36
38	3.5	6.3	6.6	6.6	6.9	6.7	38
40	3.2	5.9	6.3	6.2	6.5	6.3	40
42	3.0	5.6	5.9	5.9	6.1	5.8	42
44	2.8	5.2	5.5	5.5	5.8	5.4	44
46	2.7	4.9	5.2	5.2	5.5	5.0	46
48		4.6	5.0	4.9	5.2	4.7	48
50		4.4	4.7	4.7	4.9	4.3	50
52		4.1	4.4	4.4	4.7	4.0	52
54		3.9	4.2	4.2	4.4	3.7	54
56		3.7	4.0	4.0	4.1	3.3	56
58		3.5	3.8	3.7	3.7	3.0	58
60		3.3	3.6	3.4	3.4	2.7	60
62		3.1	3.4	3.1	3.0	2.5	62
64		2.9	3.2	2.9	2.7	2.2	64
66		2.7	3.0	2.6	2.4	2.0	66
68		2.6	2.9	2.4	2.2	1.8	68
70			2.6	2.2	1.9	1.6	70
72			2.3	2.0	1.7		72
74			1.9	1.8	1.5		74
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	2	2	2	2	1	1	Parts of line
Weight	1.1t				0.46t		Weight

Lifting capacities

	55.5+2.2 m		55.5+2.2 m		60.5+2.2m		60.5+2.2m		65.6+2.2 m	
	36m		36m		36 m		36m		36m	
9										9
10										10
12										12
14										14
16										16
18										18
20	10.1		9.5							20
22	9.8		9.2		8.2		7.0			22
24	9.4		8.9		7.9		6.7		5.7	24
26	9.0		8.6		7.6		6.5		5.5	26
28	8.6		8.1		7.3		6.3		5.4	28
30	8.3		7.7		7.0		6.0		5.2	30
32	7.9		7.2		6.6		5.8		5.1	32
34	7.5		6.8		6.3		5.5		4.9	34
36	7.2		6.4		6.0		5.3		4.7	36
38	6.7		5.9		5.6		5.0		4.5	38
40	6.3		5.6		5.3		4.7		4.2	40
42	5.9		5.1		4.9		4.4		4.0	42
44	5.5		4.8		4.6		4.1		3.7	44
46	5.2		4.4		4.3		3.8		3.5	46
48	4.9		4.0		4.0		3.5		3.2	48
50	4.5		3.7		3.7		3.2		3.0	50
52	4.2		3.4		3.5		2.9		2.8	52
54	3.9		3.1		3.2		2.7		2.6	54
56	3.5		2.9		3.0		2.4		2.4	56
58	3.2		2.6		2.7		2.2		2.2	58
60	2.9		2.3		2.4		2.0		1.9	60
62	2.6		2.1		2.2		1.8			62
64	2.3		1.8		1.9					64
66	2.0		1.6							66
68	1.8									68
70										70
72										72
74										74
combination	22211		12221		22221		12222		22222	combination
Parts of line	1		1		1		1		1	Parts of line
Weight	0.46t									

Lifting capacities

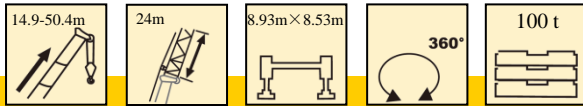


	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	30 m	30m	30 m	30m	30m	30m	
8	15.7						8
9	14.7						9
10	13.9						10
12	12.3						12
14	11.1	17.3	16.7	16.4			14
16	10.0	16.0	15.6	15.4	14.6	13.9	16
18	9.1	14.8	14.6	14.4	13.8	13.3	18
20	8.3	13.6	13.7	13.5	13.1	12.7	20
22	7.5	12.5	12.8	12.7	12.4	12.1	22
24	6.8	11.6	11.9	11.9	11.8	11.5	24
26	6.5	10.9	11.2	11.1	11.3	10.9	26
28	5.9	10.2	10.4	10.4	10.6	10.4	28
30	5.5	9.4	9.9	9.8	10.0	9.7	30
32	5.1	8.8	9.2	9.2	9.4	9.0	32
34	4.7	8.2	8.6	8.6	8.9	8.4	34
36	4.4	7.7	8.1	8.1	8.4	7.9	36
38	4.1	7.2	7.7	7.6	7.9	7.3	38
40	3.8	6.8	7.3	7.2	7.5	6.9	40
42	3.6	6.4	6.9	6.8	7.2	6.4	42
44		6.1	6.5	6.5	6.8	5.9	44
46		5.8	6.1	6.2	6.4	5.5	46
48		5.5	5.8	5.8	5.9	5.1	48
50		5.2	5.6	5.4	5.5	4.7	50
52		4.9	5.3	5.0	5.0	4.3	52
54		4.7	5.0	4.6	4.7	4.0	54
56		4.4	4.8	4.3	4.2	3.6	56
58		4.2	4.6	4.0	3.9	3.3	58
60		4.0	4.3	3.7	3.6	3.0	60
62		3.8	4.0	3.5	3.2	2.8	62
64		3.6	3.7	3.2	2.9	2.5	64
66			3.3	2.9	2.6	2.3	66
68			3.1	2.7	2.4	2.0	68
70					2.1	1.8	70
72					1.8	1.6	72
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	2	2	2	2	2	2	Parts of line
Weight	1.1t						Weight

Lifting capacities

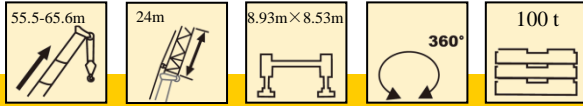
	55.5+2.2 m		55.5+2.2 m		60.5+2.2m		60.5+2.2m		65.6+2.2 m	
	30m		30m		30m		30m		30m	
8										
9										
10										
12										
14										
16										
18	12.6		11.5							
20	12.0		11.1		9.2		8.8			
22	11.5		10.6		9.0		8.5		7.1	
24	11.1		10.1		8.7		8.3		6.9	
26	10.6		9.6		8.5		8.0		6.8	
28	10.0		9.1		8.3		7.7		6.6	
30	9.5		8.6		8.1		7.4		6.5	
32	8.9		8.0		7.7		7.0		6.3	
34	8.4		7.4		7.2		6.6		6.2	
36	7.9		7.0		6.9		6.2		5.9	
38	7.4		6.5		6.4		5.8		5.6	
40	6.9		6.1		6.1		5.4		5.3	
42	6.5		5.6		5.7		5.0		5.0	
44	6.1		5.2		5.3		4.7		4.7	
46	5.7		4.8		5.0		4.3		4.4	
48	5.3		4.5		4.6		4.0		4.1	
50	4.9		4.1		4.3		3.7		3.8	
52	4.5		3.8		4.0		3.4		3.5	
54	4.1		3.5		3.7		3.1		3.3	
56	3.8		3.2		3.4		2.8		3.0	
58	3.4		2.9		3.1		2.6		2.8	
60	3.1		2.6		2.8		2.4		2.6	
62	2.7		2.3		2.5		2.1		2.3	
64	2.4		2.1		2.2		1.9		2.0	
66	2.2		1.9		2.0		1.6			
68	1.9		1.6		1.7					
70	1.7									
72										
combination	22211		12221		22221		12222		22222	combination
Parts of line	2		1		1		1		1	Parts of line
Weight	1.1t						0.46t			Weight

Lifting capacities



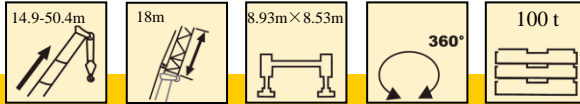
	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	24 m	24m	24 m	24m	24m	24m	
7	19.6						7
8	18.3						8
9	17.1						9
10	16.0						10
12	14.2	21.7					12
14	12.7	20.1	19.5	19.2			14
16	11.4	18.4	18.2	17.9	17.1	16.6	16
18	10.2	16.9	17.0	16.8	16.3	15.8	18
20	9.2	15.4	15.9	15.7	15.4	14.8	20
22	8.4	14.2	14.7	14.6	14.5	13.9	22
24	7.6	13.2	13.7	13.6	13.8	13.0	24
26	7.0	12.3	12.7	12.7	13.0	12.1	26
28	6.6	11.5	12.0	11.9	12.2	11.2	28
30	6.1	10.8	11.3	11.2	11.5	10.4	30
32	5.7	10.1	10.6	10.6	10.9	9.7	32
34	5.3	9.5	10.0	10.0	10.3	9.1	34
36	4.9	8.9	9.4	9.4	9.7	8.4	36
38		8.4	8.9	8.8	9.0	7.8	38
40		7.9	8.4	8.3	8.4	7.3	40
42		7.5	8.0	7.7	7.7	6.8	42
44		7.1	7.6	7.2	7.2	6.3	44
46		6.7	7.3	6.6	6.7	5.8	46
48		6.4	6.9	6.1	6.1	5.3	48
50		6.1	6.4	5.7	5.6	4.9	50
52		5.8	6.0	5.4	5.2	4.5	52
54		5.6	5.6	5.0	4.8	4.2	54
56		5.3	5.2	4.6	4.4	3.9	56
58		5.1	4.8	4.3	4.0	3.6	58
60			4.5	4.0	3.6	3.3	60
62			4.1	3.7	3.3	3.0	62
64					3.0	2.7	64
66					2.8	2.4	66
68					2.5	2.2	68
70							70
72							72
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	2	2	2	2	2	2	Parts of line
Weight	1.1t						Weight

Lifting capacities



	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	24m	24m	24m	24m	24m	24m
7						
8						
9						
10						
12						
14						
16						
18	14.6	13.4	11.9	10.7		
20	14.0	12.7	11.4	10.3	9.4	
22	13.2	12.0	11.0	10.0	9.1	
24	12.5	11.3	10.5	9.6	8.8	
26	11.7	10.6	10.0	9.2	8.5	
28	11.0	9.9	9.5	8.7	8.1	
30	10.3	9.3	9.0	8.2	7.8	
32	9.7	8.7	8.5	7.7	7.4	
34	9.1	8.1	8.0	7.2	7.0	
36	8.5	7.5	7.5	6.8	6.6	
38	8.0	7.0	7.1	6.3	6.3	
40	7.5	6.5	6.6	5.8	5.9	
42	7.0	6.0	6.2	5.5	5.5	
44	6.5	5.6	5.8	5.1	5.2	
46	6.0	5.2	5.4	4.7	4.8	
48	5.5	4.8	5.1	4.3	4.5	
50	5.1	4.5	4.6	4.0	4.2	
52	4.7	4.1	4.3	3.7	3.9	
54	4.3	3.7	3.9	3.4	3.6	
56	3.9	3.4	3.6	3.1	3.3	
58	3.5	3.1	3.2	2.8	3.0	
60	3.2	2.8	3.0	2.5	2.7	
62	2.9	2.5	2.7	2.3	2.5	
64	2.6	2.3	2.3	2.1	2.2	
66	2.3	2.1	2.0	1.8	2.0	
68	2.0	1.8	1.8	1.6	1.7	
70	1.7	1.6	1.5			
72	1.5					
combination	22211	12221	22221	12222	22222	combination
Parts of line	2	2	1	1	1	Parts of line
Weight	1.1t		0.46t			Weight

Lifting capacities

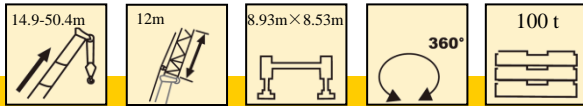


	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	18m	18m	18 m	18m	18m	18m	
6	24.1						6
7	23.6						7
8	21.4						8
9	20.6						9
10	19.7						10
12	17.3	25.7	24.6	24.6			12
14	15.0	23.3	23.3	22.9	21.7	20.3	14
16	13.4	21.3	21.6	21.3	20.6	18.9	16
18	12.0	19.6	20.0	19.8	19.5	17.6	18
20	10.9	18.0	18.5	18.4	18.4	16.4	20
22	9.9	16.6	17.2	17.1	17.2	15.2	22
24	9.0	15.4	16.0	15.9	16.0	14.1	24
26	8.3	14.3	15.0	14.8	14.8	13.0	26
28	7.7	13.4	14.1	13.6	13.7	12.1	28
30	7.1	12.5	13.2	12.7	12.8	11.3	30
32		11.8	12.4	11.8	11.8	10.5	32
34		11.2	11.8	11.0	11.0	9.7	34
36		10.6	11.2	10.2	10.2	9.0	36
38		10.0	10.6	9.5	9.4	8.4	38
40		9.5	9.9	8.8	8.8	7.8	40
42		9.0	9.1	8.2	8.1	7.2	42
44		8.6	8.5	7.6	7.5	6.7	44
46		8.2	7.8	7.1	6.9	6.2	46
48		7.8	7.3	6.6	6.4	5.7	48
50		7.5	6.8	6.2	5.8	5.3	50
52		7.1	6.3	5.7	5.4	4.9	52
54		6.9	5.8	5.4	5.0	4.5	54
56			5.4	5.0	4.5	4.2	56
58			5.0	4.7	4.2	3.8	58
60					3.8	3.6	60
62					3.5	3.3	62
64							64
66							66
68							68
70							70
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	2	2	2	2	2	2	Parts of line
Weight	1.1t						Weight

Lifting capacities

	55.5+2.2 m		55.5+2.2 m		60.5+2.2m		60.5+2.2m		65.6+2.2 m	
	18m		18m		18m		18m		18m	
6										
7										
8										
9										
10										
12										
14										
16	17.5		16.2							
18	16.6		15.2		14.0		12.9		10.5	
20	15.7		14.3		13.4		12.3		10.0	
22	14.7		13.4		12.7		11.6		9.6	
24	13.9		12.5		12.0		10.9		9.1	
26	13.0		11.6		11.3		10.3		8.8	
28	12.2		10.9		10.6		9.7		8.6	
30	11.4		10.1		10.0		9.1		8.4	
32	10.7		9.4		9.4		8.5		8.1	
34	10.0		8.8		8.8		7.9		7.8	
36	9.2		8.1		8.2		7.4		7.4	
38	8.6		7.5		7.7		6.9		6.9	
40	8.0		7.0		7.3		6.4		6.5	
42	7.3		6.5		6.8		6.0		6.2	
44	6.8		6.0		6.3		5.5		5.8	
46	6.3		5.6		5.8		5.1		5.4	
48	5.8		5.1		5.4		4.8		5.0	
50	5.3		4.8		4.9		4.4		4.6	
52	4.8		4.4		4.5		4.1		4.3	
54	4.4		4.0		4.2		3.8		3.9	
56	4.0		3.7		3.8		3.4		3.6	
58	3.7		3.4		3.4		3.1		3.3	
60	3.3		3.1		3.1		2.8		3.0	
62	3.0		2.8		2.8		2.6		2.7	
64	2.7		2.6		2.5		2.3		2.4	
66	2.4		2.3		2.2		2.1		2.2	
68					1.9		1.9		1.9	
70					1.7		1.6		1.6	
combination	22211		12221		22221		12222		22222	combination
Parts of line	2		2		2		2		1	Parts of line
Weight	1.1t								0.46t	Weight

Lifting capacities

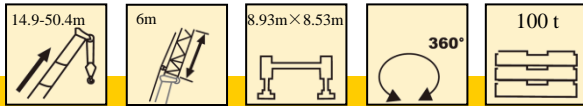




	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	12m	12m	12m	12m	12m	12m	
4.5	38.2						4.5
5	36.1						5
6	34.3						6
7	31.1						7
8	28.4						8
9	26.0						9
10	24.0	34.1					10
12	20.6	30.8	30.6	29.3	27.0	24.4	12
14	18.0	27.9	28.3	26.8	25.3	22.9	14
16	15.9	25.4	26.0	24.4	23.6	21.1	16
18	14.3	23.3	24.1	22.3	22.0	19.5	18
20	13.0	21.5	22.3	20.6	20.2	17.9	20
22	11.9	19.9	20.8	18.8	18.6	16.5	22
24	10.9	18.5	19.0	17.3	17.1	15.3	24
26	10.1	17.2	17.5	15.9	15.7	14.0	26
28		16.2	16.3	14.7	14.5	13.0	28
30		15.2	15.0	13.5	13.3	12.1	30
32		14.3	13.8	12.6	12.3	11.2	32
34		13.5	12.7	11.6	11.5	10.4	34
36		12.8	11.8	10.9	10.6	9.6	36
38		12.1	11.0	10.1	9.8	8.9	38
40		11.6	10.2	9.3	9.0	8.2	40
42		11.1	9.4	8.7	8.3	7.6	42
44		10.6	8.7	8.0	7.7	7.0	44
46		10.4	8.1	7.5	7.0	6.5	46
48		9.4	7.5	7.0	6.5	6.0	48
50			7.0	6.5	6.0	5.5	50
52			6.4	6.1	5.5	5.2	52
54					5.0	4.8	54
56					4.6	4.4	56
58							58
60							60
62							62
64							64
66							66
68							68
70							70
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	4	3	3	3	3	3	Parts of line
Weight	1.4t			1.1t			Weight

Lifting capacities

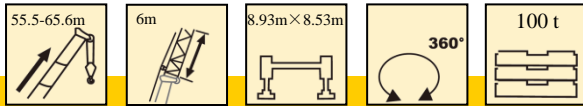
	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	12m	12m	12m	12m	12m	12m
4.5						4.5
5						5
6						6
7						7
8						8
9						9
10						10
12						12
14	21.1	19.4				14
16	19.9	18.1	16.8	15.5		16
18	18.7	17.0	15.9	14.8	13.5	18
20	17.6	15.9	15.2	14.0	13.0	20
22	16.3	14.7	14.3	13.1	12.4	22
24	15.3	13.6	13.4	12.2	11.6	24
26	14.3	12.6	12.6	11.3	10.9	26
28	13.2	11.7	11.7	10.6	10.3	28
30	12.2	10.8	10.9	9.9	9.7	30
32	11.3	10.1	10.2	9.2	9.1	32
34	10.4	9.3	9.6	8.5	8.6	34
36	9.6	8.7	9.0	7.9	8.1	36
38	8.9	8.0	8.3	7.4	7.6	38
40	8.3	7.5	7.7	6.9	7.1	40
42	7.6	6.9	7.1	6.4	6.6	42
44	7.0	6.4	6.6	5.9	6.2	44
46	6.5	5.9	6.1	5.5	5.7	46
48	5.9	5.4	5.6	5.1	5.3	48
50	5.4	5.0	5.1	4.7	4.9	50
52	4.9	4.6	4.7	4.3	4.5	52
54	4.5	4.3	4.3	4.0	4.1	54
56	4.1	3.9	3.9	3.6	3.8	56
58	3.7	3.6	3.5	3.3	3.4	58
60	3.4	3.2	3.2	3.0	3.1	60
62	3.1	3.0	2.8	2.8	2.8	62
64			2.5	2.5	2.5	64
66			2.2	2.3	2.2	66
68					2.0	68
70					1.7	70
combination	22211	12221	22221	12222	22222	combination
Parts of line	2	2	2	2	2	Parts of line
Weight	1.1t					Weight

Lifting capacities

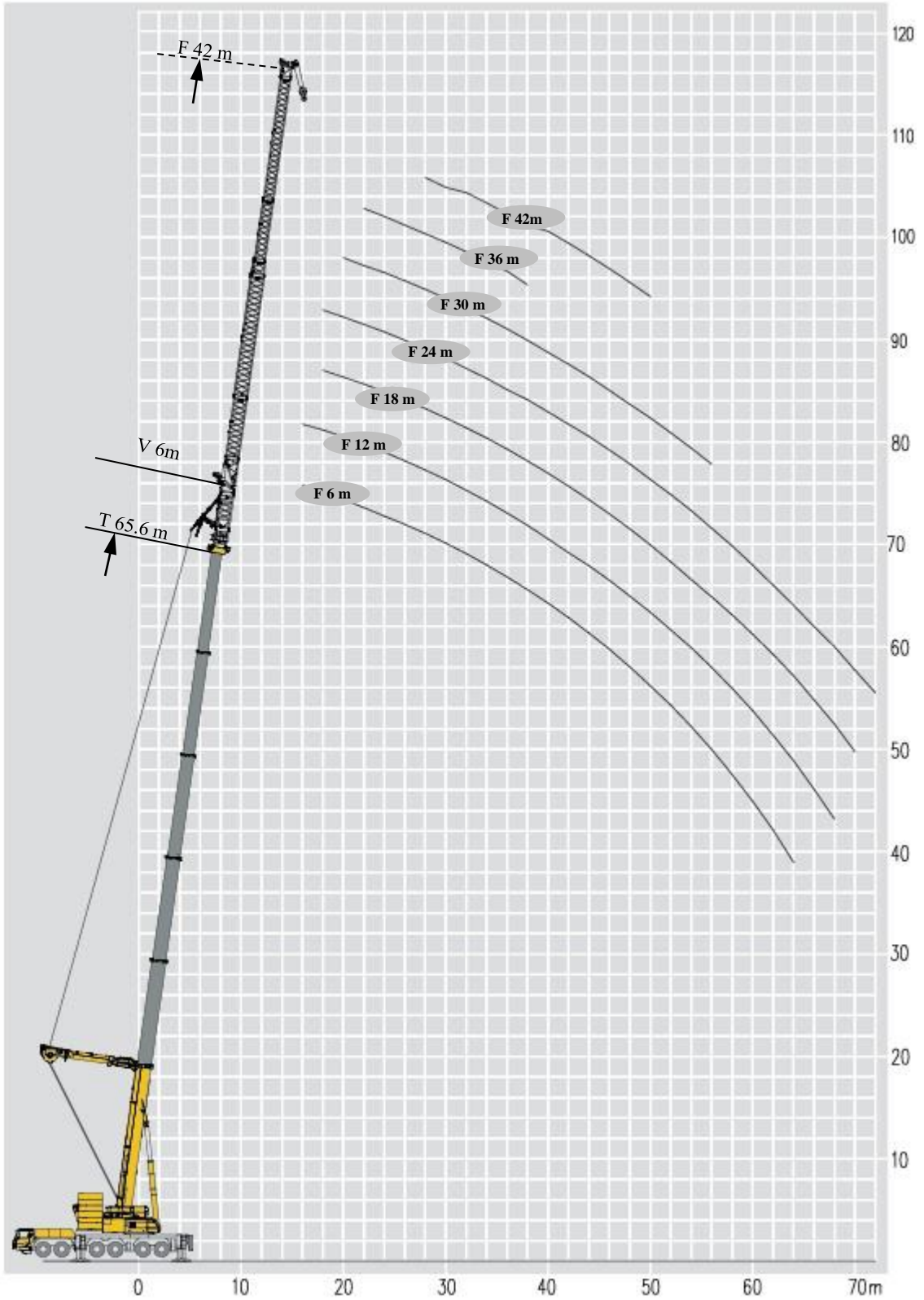


	14.9+2.2 m	40.2+2.2 m	45.3+2.2m	45.3+2.2m	50.4+2.2 m	50.4+2.2 m	
	6m	6m	6m	6m	6m	6m	
3.5	46.6						3.5
4	45.4						4
4.5	44.2						4.5
5	43.0						5
6	40.2						6
7	36.4						7
8	33.0	46.5					8
9	30.2	45.2					9
10	27.8	44.1	43.0	36.7			10
12	23.9	39.7	39.3	33.3	31.4	28.1	12
14	20.9	35.5	33.0	30.0	28.7	25.7	14
16	18.8	32.5	29.7	27.0	26.2	23.5	16
18	16.8	29.7	26.9	24.7	23.9	21.4	18
20	15.5	27.6	24.4	22.4	21.8	19.7	20
22		25.7	22.3	20.4	20.0	18.0	22
24		23.9	20.4	18.6	18.1	16.5	24
26		22.6	18.7	17.1	16.6	15.1	26
28		21.2	17.2	15.7	15.4	13.9	28
30		20.0	15.7	14.5	14.1	13.0	30
32		18.9	14.4	13.4	12.9	11.9	32
34		18.3	13.2	12.4	11.9	11.0	34
36		16.9	12.2	11.6	11.0	10.2	36
38		15.6	11.4	10.8	10.1	9.4	38
40		14.2	10.6	10.0	9.3	8.7	40
42		12.9	9.8	9.3	8.5	8.0	42
44		12.9	9.1	8.7	7.9	7.5	44
46		9.2	8.3	8.1	7.2	6.9	46
48			8.0	7.7	6.7	6.4	48
50			7.5	7.1	6.4	5.9	50
52					6.0	5.6	52
54					5.8	5.0	54
56					4.9	4.5	56
58							58
60							60
62							62
64							64
66							66
68							68
70							70
combination	00000	11111	21111	12111	22111	12211	combination
Parts of line	4	4	4	4	3	3	Parts of line
Weight	1.4t				1.1t		Weight


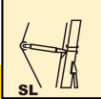
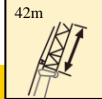
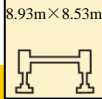

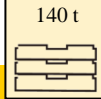
Lifting capacities



	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	6m	6m	6m	6m	6m	
3.5						3.5
4						4
4.5						4.5
5						5
6						6
7						7
8						8
9						9
10						10
12	26.1	24.0				12
14	24.4	22.1	20.5	18.9		14
16	22.7	20.5	19.3	17.9	16.5	16
18	21.1	18.9	18.1	16.7	15.7	18
20	19.6	17.5	17.1	15.6	14.9	20
22	18.0	16.1	16.0	14.5	14.1	22
24	16.6	14.9	14.8	13.5	13.2	24
26	15.1	13.7	13.9	12.4	12.4	26
28	14.0	12.7	13.0	11.5	11.7	28
30	12.9	11.7	11.9	10.8	10.7	30
32	11.9	10.8	11.0	10.0	10.1	32
34	11.0	10.0	10.3	9.2	9.5	34
36	10.1	9.3	9.5	8.6	8.9	36
38	9.3	8.6	8.7	8.0	8.2	38
40	8.6	7.9	8.0	7.4	7.6	40
42	7.8	7.3	7.4	6.9	7.1	42
44	7.2	6.8	6.9	6.4	6.6	44
46	6.6	6.3	6.3	5.9	6.1	46
48	6.1	5.8	5.8	5.5	5.6	48
50	5.6	5.3	5.3	5.0	5.1	50
52	5.1	5.0	4.8	4.6	4.8	52
54	4.7	4.6	4.4	4.3	4.4	54
56	4.5	4.2	4.0	4.0	4.0	56
58	4.2	3.8	3.6	3.5	3.4	58
60	4.0	3.5	3.4	3.3	3.2	60
62			3.2	3.1	2.9	62
64			3.0	2.7	2.6	64
66					2.3	66
68					2.0	68
70					1.7	70
combination	22211	12221	22221	12222	22222	combination
Parts of line	3	2	2	2	2	Parts of line
Weight	1.1t					Weight



Lifting capacities

	     					
	40.2+2.2 m	45.3+2.2 m	45.3+2.2m	50.4+2.2m	50.4+2.2 m	
	42m	42m	42m	42m	42m	
16	9.8					16
18	9.4	9.4	9.4	9.4	9.4	18
20	9.0	9.0	9.0	9.0	9.0	20
22	8.5	8.5	8.5	8.6	8.6	22
24	8.0	8.0	8.0	8.1	8.1	24
26	7.5	7.6	7.6	7.7	7.7	26
28	7.0	7.0	7.0	7.1	7.1	28
30	6.5	6.6	6.6	6.7	6.7	30
32	6.0	6.3	6.3	6.4	6.4	32
34	5.8	5.9	5.9	6.0	6.0	34
36	5.5	5.6	5.6	5.7	5.7	36
38	5.2	5.4	5.4	5.5	5.5	38
40	5.0	5.1	5.1	5.3	5.2	40
42	4.8	4.9	4.9	5.0	5.0	42
44	4.5	4.6	4.7	4.8	4.8	44
46	4.2	4.5	4.5	4.6	4.6	46
48	4.0	4.2	4.2	4.4	4.4	48
50	3.8	4.0	4.0	4.2	4.2	50
52	3.5	3.3	3.8	4.0	4.0	52
54	3.3	3.6	3.6	3.8	3.8	54
56	3.2	3.4	3.4	3.6	3.6	56
58	3.0	3.1	3.2	3.4	3.4	58
60	2.8	3.2	3.0	3.2	3.2	60
62	2.7	2.9	2.9	3.1	3.1	62
64	2.5	2.8	2.8	3.0	3.0	64
66	2.4	2.6	2.6	2.8	2.8	66
68	2.3	2.5	2.5	2.7	2.7	68
70	2.2	2.4	2.4	2.6	2.6	70
72	2.1	2.3	2.3	2.5	2.5	72
74	2.0	2.2	2.2	2.2	2.3	74
76	1.9	2.1	2.1	2.2	1.9	76
78	1.8	2.0	1.8	1.8		78
80	1.7	1.6				80
combination	11111	12111	21111	12211	22111	combination
Parts of line	1	1	1	1	1	Parts of line
Weight	0.46t					Weight

Lifting capacities

	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	42m	42m	42m	42m	42m	42m
16						
18	9.0	9.0				
20	8.5	8.6				
22	8.2	8.3	8.0	8.2		
24	7.9	8.0	7.9	8.0		
26	7.4	7.5	7.4	7.5		
28	6.9	7.0	6.9	7.0	6.5	
30	6.5	6.5	6.4	6.5	6.0	
32	6.4	6.4	5.6	6.3	5.4	
34	5.9	6.0	4.4	6.0	5.0	
36	5.8	5.8	3.7	5.8	4.8	
38	5.4	5.5	2.7	5.6	4.5	
40	5.3	5.3	1.7	5.5	4.3	
42	5.0	5.0		5.2	3.8	
44	4.9	4.9		4.7	3.3	
46	4.8	4.8		3.4	2.8	
48	4.5	4.5		2.5	1.8	
50	4.3	4.3		1.6	1.2	
52	4.1	4.2				
54	4.0	4.0				
56	3.8	3.8				
58	3.6	3.6				
60	3.5	3.5				
62	3.3	3.3				
64	3.2	3.2				
66	3.0	3.0				
68	2.8	2.9				
70	2.7	2.7				
72	2.6	2.6				
74	2.4	2.3				
76	2.3	1.6				
78	1.7					
80						
combination	12221	22211	12222	22221	22222	combination
Parts of line	1	1	1	1	1	Parts of line
Weight			0.46t			Weight

Lifting capacities

	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		50.4+2.2 m	
	36m		36m		36m		36m		36m	
14	12.6									14
16	12.0		11.7		12.2					16
18	11.0		11.0		11.5		11.4		11.0	18
20	10.5		10.5		11.0		11.0		10.5	20
22	10.0		10.0		10.5		10.5		10.0	22
24	9.5		9.5		10.0		10.0		9.5	24
26	9.0		9.0		9.5		9.5		9.0	26
28	8.5		8.5		9.0		9.0		8.5	28
30	8.0		8.0		8.5		8.5		8.0	30
32	7.5		7.5		8.0		8.0		7.5	32
34	7.0		7.0		7.5		7.5		7.0	34
36	6.5		6.5		7.0		7.0		6.8	36
38	6.0		6.4		6.8		6.8		6.5	38
40	5.8		6.0		6.5		6.5		6.3	40
42	5.5		5.8		6.0		6.3		6.0	42
44	5.0		5.5		5.8		6.0		5.8	44
46	4.8		5.0		5.5		5.8		5.5	46
48	4.5		4.8		5.3		5.5		5.2	48
50	4.4		4.5		5.0		5.3		5.0	50
52	4.0		4.3		4.8		5.0		4.7	52
54	3.9		4.0		4.4		4.7		4.5	54
56	3.6		3.8		4.2		4.5		4.2	56
58	3.5		3.7		4.0		4.3		4.0	58
60	3.3		3.5		3.8		4.0		3.8	60
62	3.2		3.3		3.7		3.9		3.6	62
64	3.0		3.2		3.5		3.8		3.5	64
66	2.8		3.0		3.3		3.5		3.4	66
68	2.7		2.9		3.2		3.4		3.2	68
70	2.6		2.8		3.0		3.3		3.1	70
72	2.5		2.7		2.9		3.1		2.7	72
74	2.4		2.6		2.5		2.6		2.1	74
76	2.1		2.3		2.0		2.0			76
combination	11111		12111		21111		12211		22111	combination
Parts of line	2		1		1		1		1	Parts of line
Weight	1.1t						0.46t			Weight


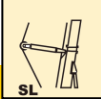
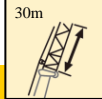
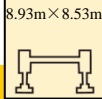

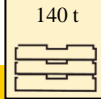
Lifting capacities

	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	36m	36m	36m	36m	36m	36m
14						
16						
18	11.3	11.4				
20	10.9	11.0	10.3	10.6		
22	10.4	10.5	10.0	10.3	9.7	
24	9.9	10.0	9.5	10.0	9.5	
26	9.4	9.5	9.0	9.5	8.8	
28	9.0	9.0	8.6	9.0	8.1	
30	8.4	8.5	8.0	8.7	6.4	
32	8.0	8.0	7.8	8.5	5.1	
34	7.4	7.5	7.5	8.0	4.0	
36	7.2	7.3	7.3	7.5	3.2	
38	6.9	7.0	7.0	7.0	2.1	
40	6.8	6.8	6.8	6.8		
42	6.5	6.5	6.5	6.5		
44	6.2	6.3	6.2	6.3		
46	6.0	6.0	6.0	6.0		
48	5.8	5.8	5.8	5.8		
50	5.4	5.5	5.5	5.6		
52	5.2	5.3	5.3	5.5		
54	5.2	5.2	5.1	5.3		
56	5.0	5.0	4.7	5.0		
58	4.5	4.5	3.6	4.8		
60	4.3	4.3	2.9	4.7		
62	4.2	4.2	2.6	4.2		
64	4.0	4.0	1.8	3.7		
66	3.8	3.8		3.0		
68	3.5	3.5		2.2		
70	3.5	3.1		1.6		
72	3.1	2.4				
74	2.5	1.8				
76	1.9					
combination	12221	22211	12222	22221	22222	combination
Parts of line	1	1	1	1	1	Parts of line
Weight	0.46t					Weight

Lifting capacities

	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		50.4+2.2 m	
	30m		30m		30m		30m		30m	
14	15.4	15.4	15.4							14
16	15.0	15.0	15.0				14.5	14.5		16
18	14.0	14.1	14.1				14.0	14.0		18
20	13.2	13.3	13.3				13.0	13.0		20
22	12.5	12.7	12.7				12.5	12.5		22
24	11.6	11.8	11.8				12.0	12.0		24
26	11.0	18.3	18.3				11.5	11.5		26
28	10.5	10.8	10.8				10.6	10.6		28
30	10.0	10.3	10.3				9.9	10.0		30
32	9.0	9.5	9.5				9.8	9.8		32
34	8.8	9.0	9.0				9.3	9.3		34
36	8.0	8.5	8.5				9.0	9.0		36
38	7.5	8.3	8.3				8.5	8.5		38
40	7.4	8.0	8.0				8.0	8.0		40
42	7.0	7.5	7.5				7.5	7.5		42
44	6.5	7.3	7.3				7.2	7.3		44
46	6.0	7.0	7.0				7.0	7.0		46
48	5.8	6.7	6.7				6.7	6.7		48
50	5.5	6.5	6.5				6.5	6.5		50
52	5.2	6.0	6.0				6.0	6.0		52
54	5.0	5.4	5.5				5.7	5.7		54
56	4.7	5.0	5.0				5.5	5.5		56
58	4.5	4.7	4.8				5.3	5.3		58
60	4.3	4.5	4.6				5.0	5.0		60
62	4.0	4.4	4.5				4.7	4.8		62
64	3.8	4.2	4.4				4.7	4.7		64
66	3.7	4.0	4.0				4.2	4.2		66
68	3.5	4.0	3.8				4.1	3.6		68
70	3.2	3.6	3.2				3.4	2.8		70
72		2.9	2.6				2.7	2.2		72
74		2.2	1.9				2.2	1.5		74
76							1.5			76
combination	11111	12111	21111				12211	22111		combination
Parts of line	2	2	2				2	2		Parts of line
Weight						1.1t				Weight


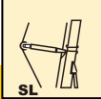
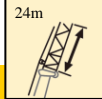
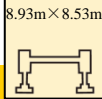

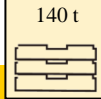
Lifting capacities

	     					
	55.5+2.2 m	55.5+2.2 m	60.5+2.2m	60.5+2.2m	65.6+2.2 m	
	30m	30m	30m	30m	30m	
14						14
16	14.1	14.2				16
18	13.5	13.6	13.2	13.4		18
20	13.1	13.2	12.5	12.6	12.1	20
22	12.5	12.6	12.0	12.2	11.5	22
24	12.0	12.1	11.5	11.7	11.0	24
26	11.5	11.6	11.0	11.0	10.7	26
28	11.0	11.1	10.5	10.6	10.2	28
30	10.5	10.6	10.0	10.1	9.8	30
32	10.0	10.2	9.5	9.6	9.5	32
34	9.5	9.6	9.0	9.2	9.0	34
36	9.0	9.1	8.8	8.9	8.8	36
38	8.5	8.5	8.4	8.5	8.5	38
40	8.0	8.2	8.0	8.1	8.2	40
42	7.8	7.8	7.8	7.9	7.8	42
44	7.5	7.5	7.6	7.7	6.8	44
46	7.0	7.0	7.3	7.4	6.0	46
48	6.8	6.8	7.0	7.1	5.1	48
50	6.5	6.5	6.8	6.9	4.2	50
52	6.3	6.4	6.5	6.6	3.2	52
54	6.0	6.3	6.3	6.4	2.3	54
56	5.8	5.8	6.0	6.1	1.6	56
58	5.5	5.5	5.8	5.8		58
60	5.3	5.3	5.5	5.6		60
62	5.0	5.0	5.2	5.3		62
64	4.9	4.7	5.0	5.0		64
66	4.6	4.1	4.8	4.1		66
68	4.1	3.4	4.2	3.4		68
70	3.5	2.7	3.6	2.7		70
72	2.7	2.1	2.9	2.1		72
74	2.2		2.3			74
76	1.5		1.7			76
combination	12221	22211	12222	22221	22222	combination
Parts of line	2	2	2	2	1	Parts of line
Weight	1.1t				0.46t	Weight

Lifting capacities

	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		
	24m		24m		24m		24m		
14	20.0	20.2	20.2	20.5	20.8	14			
16	19.0	19.5	19.5	18.9	19.0	16			
18	17.5	18.0	18.3	18.0	18.0	18			
20	17.0	16.8	17.0	16.5	17.2	20			
22	15.5	16.0	16.0	15.5	16.5	22			
24	14.8	15.0	15.0	15.2	15.5	24			
26	14.0	14.5	14.5	14.5	14.6	26			
28	13.0	13.5	13.5	13.9	13.9	28			
30	12.5	13.0	13.0	13.0	13.0	30			
32	11.8	12.2	12.2	12.5	12.5	32			
34	11.2	11.7	11.7	12.0	12.0	34			
36	10.5	11.0	11.0	11.5	11.5	36			
38	10.0	10.5	10.5	11.1	11.0	38			
40	9.5	10.0	10.0	10.4	10.5	40			
42	9.0	9.6	9.6	10.0	10.2	42			
44	8.5	9.0	9.0	9.5	9.6	44			
46	8.0	8.7	8.7	9.0	9.0	46			
48	7.8	8.0	8.0	8.7	8.7	48			
50	7.3	7.8	7.8	8.8	8.5	50			
52	7.0	7.5	7.5	8.3	8.3	52			
54	6.5	7.0	7.0	8.0	8.0	54			
56	6.3	6.7	6.7	7.4	7.4	56			
58	7.6	6.8	6.8	7.0	7.0	58			
60	6.7	6.2	6.2	6.5	6.0	60			
62	5.9	5.6	5.6	5.9	5.2	62			
64	4.4	5.6	4.9	5.0	4.4	64			
66	2.2	4.6	3.9	4.1	3.6	66			
68		3.8	3.0	3.5	2.8	68			
70		1.6		2.7	2.0	70			
72				2.0		72			
74						74			
combination	11111	12111	21111	12211	22111	combination			
Parts of line	2	2	2	2	2	Parts of line			
Weight			1.1t			Weight			

Lifting capacities

	     					
	55.5+2.2 m	55.5+2.2 m	60.5+2.2m	60.5+2.2m	65.6+2.2 m	
	24m	24m	24m	24m	24m	
14						14
16	18.9	19.0				16
18	18.0	18.1	16.8	17.6	16.6	18
20	17.0	17.0	16.0	17.0	16.0	20
22	16.0	16.5	15.3	25.4	15.5	22
24	15.5	15.5	14.5	15.3	14.8	24
26	14.5	14.8	14.0	14.5	14.0	26
28	13.6	14.0	13.5	14.0	13.5	28
30	13.0	13.5	12.9	13.5	13.0	30
32	12.5	13.0	12.5	13.0	12.5	32
34	12.0	12.5	12.0	12.5	12.0	34
36	11.8	11.8	11.8	12.0	11.6	36
38	11.0	11.2	11.3	11.5	11.4	38
40	10.8	10.8	11.0	11.0	11.0	40
42	10.0	10.5	10.5	10.5	10.5	42
44	9.9	10.0	10.0	10.0	10.0	44
46	9.5	9.6	9.8	9.7	9.8	46
48	9.0	9.0	9.5	9.5	9.5	48
50	8.8	8.7	9.0	9.0	9.0	50
52	8.4	8.5	8.6	8.8	8.6	52
54	8.0	8.0	8.4	8.5	8.0	54
56	7.8	7.4	8.0	7.8	7.1	56
58	7.1	7.0	7.4	7.1	6.3	58
60	6.8	6.0	7.0	6.1	5.6	60
62	5.9	5.1	6.2	5.2	4.8	62
64	5.1	4.3	5.3	4.4	4.1	64
66	4.3	3.5	4.6	3.6	3.6	66
68	3.6	2.7	3.8	2.8	3.0	68
70	2.8	2.0	3.1	2.2	2.4	70
72	2.2		2.5	1.5	1.8	72
74	1.5		1.9			74
combination	12221	22211	12222	22221	22222	combination
Parts of line	2	2	2	2	2	Parts of line
Weight			1.1t			Weight

Lifting capacities

	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		50.4+2.2 m	
	18m		18m		18m		18m		18m	
12	27.6	28.0	28.0							12
14	25.5	26.0	26.0				25.4	26.0		14
16	23.7	24.0	24.2				24.2	24.3		16
18	22.0	22.6	22.7				22.4	23.0		18
20	20.7	21.3	21.3				21.3	21.7		20
22	19.5	20.0	20.0				20.4	20.5		22
24	18.3	19.0	19.1				19.3	19.2		24
26	17.2	17.9	18.0				18.1	18.5		26
28	16.1	17.0	17.1				17.3	17.6		28
30	15.3	16.0	16.1				16.6	17.0		30
32	14.5	15.4	15.4				15.9	16.0		32
34	13.7	14.6	14.6				15.1	15.3		34
36	13.1	13.8	13.8				14.3	14.6		36
38	12.5	13.2	13.3				13.8	13.9		38
40	11.9	12.7	12.7				13.2	13.3		40
42	11.4	12.0	12.1				12.5	12.8		42
44	10.9	11.6	11.6				12.2	12.2		44
46	10.5	11.2	11.2				11.8	12.0		46
48	10.0	10.8	10.8				11.0	11.0		48
50	9.6	10.7	10.3				10.7	10.7		50
52	9.3	9.9	10.0				10.2	9.4		52
54	8.7	9.0	8.7				9.2	8.5		54
56	8.0	8.1	7.7				8.0	7.3		56
58	6.3	7.0	6.6				7.0	6.3		58
60	3.6	6.0	5.6				6.0	5.3		60
62		4.9	4.5				5.1	4.4		62
64		2.7	2.6				4.2	3.6		64
66							3.4	2.7		66
68							2.4			68
70										70
72										72
combination	11111	12111	21111				12211	22111		combination
Parts of line	3	3	3				3	3		Parts of line
Weight			1.1t							Weight

Lifting capacities

	55.5-65.6m		18m		8.93m×8.53m		360°		140 t	
	55.5+2.2 m	55.5+2.2 m	55.5+2.2 m	55.5+2.2 m	60.5+2.2m	60.5+2.2m	60.5+2.2m	60.5+2.2m	65.6+2.2 m	
	18m	18m	18m	18m	18m	18m	18m	18m	18m	
12										12
14	25.5		25.8							14
16	24.4		24.4		23.4		24.0			16
18	23.1		23.4		22.4		22.6		22.1	18
20	21.8		22.1		21.0		21.5		21.0	20
22	20.5		20.9		20.0		20.5		20.0	22
24	19.8		19.5		19.0		19.5		19.4	24
26	18.5		18.5		18.5		18.6		18.5	26
28	17.5		18.2		17.6		17.8		17.8	28
30	17.0		17.0		16.5		17.0		17.0	30
32	16.5		16.3		16.0		16.5		16.5	32
34	16.0		15.6		15.5		15.8		16.0	34
36	15.0		15.0		15.0		15.0		15.5	36
38	14.5		14.4		14.4		14.5		14.8	38
40	13.5		14.0		13.8		14.0		14.0	40
42	13.0		13.4		13.5		13.5		13.8	42
44	12.5		13.0		12.5		13.0		13.5	44
46	12.0		12.0		12.4		12.0		13.0	46
48	12.0		11.5		12.0		11.0		12.0	48
50	10.9		10.5		11.0		10.0		10.6	50
52	10.1		9.4		10.0		9.5		9.4	52
54	9.4		8.5		9.3		8.4		8.8	54
56	8.2		7.3		8.5		7.5		8.0	56
58	7.2		6.3		7.5		6.6		6.9	58
60	6.0		5.3		6.6		5.6		6.0	60
62	5.3		4.5		5.7		4.7		5.0	62
64	4.5		3.6		4.8		3.8		4.3	64
66	3.7		2.8		4.0		3.0		3.5	66
68	2.9		2.0		3.3		2.3		2.7	68
70	2.2				2.6		1.6		2.0	70
72	1.5				1.9					72
combination	12221		22211		12222		22221		22222	combination
Parts of line	3		3		2		2		2	Parts of line
Weight					1.1t					Weight

Lifting capacities

	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		50.4+2.2 m	
	12m		12m		12m		12m		12m	
12	37.0	37.8	38.0	37.3	37.5	12				
14	34.4	35.2	35.4	35.4	35.5	14				
16	32.0	32.9	33.0	33.0	33.4	16				
18	30.0	30.8	31.0	31.2	31.5	18				
20	28.0	29.1	29.2	29.6	29.8	20				
22	26.2	27.6	27.6	28.0	28.3	22				
24	24.6	26.0	26.1	26.7	26.8	24				
26	23.2	24.3	24.6	25.4	25.6	26				
28	22.0	23.3	23.3	24.3	24.3	28				
30	20.8	22.1	22.1	23.0	23.2	30				
32	20.8	20.9	21.1	22.0	22.1	32				
34	18.9	20.0	20.1	21.0	21.0	34				
36	18.0	19.0	19.0	19.0	19.0	36				
38	17.4	17.8	17.8	17.8	17.8	38				
40	16.0	16.8	16.8	16.7	15.8	40				
42	15.5	15.7	14.7	15.7	14.7	42				
44	14.0	13.8	13.6	14.2	13.0	44				
46	12.7	12.6	12.5	12.6	11.8	46				
48	11.6	11.4	11.0	11.5	10.9	48				
50	10.3	10.0	9.8	10.3	9.7	50				
52	8.0	9.2	8.7	9.2	8.5	52				
54	5.1	8.0	7.4	8.1	7.3	54				
56		6.5	6.0	7.0	6.2	56				
58		4.3	3.9	5.9	5.1	58				
60				4.9	4.1	60				
62				3.6	3.0	62				
64						64				
66						66				
68						68				
70						70				
combination	11111	12111	21111	12211	22111	combination				
Parts of line	4	4	4	4	4	Parts of line				
Weight	1.4t					Weight				


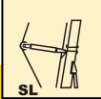
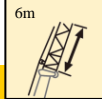
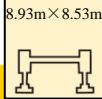

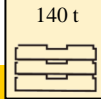
Lifting capacities

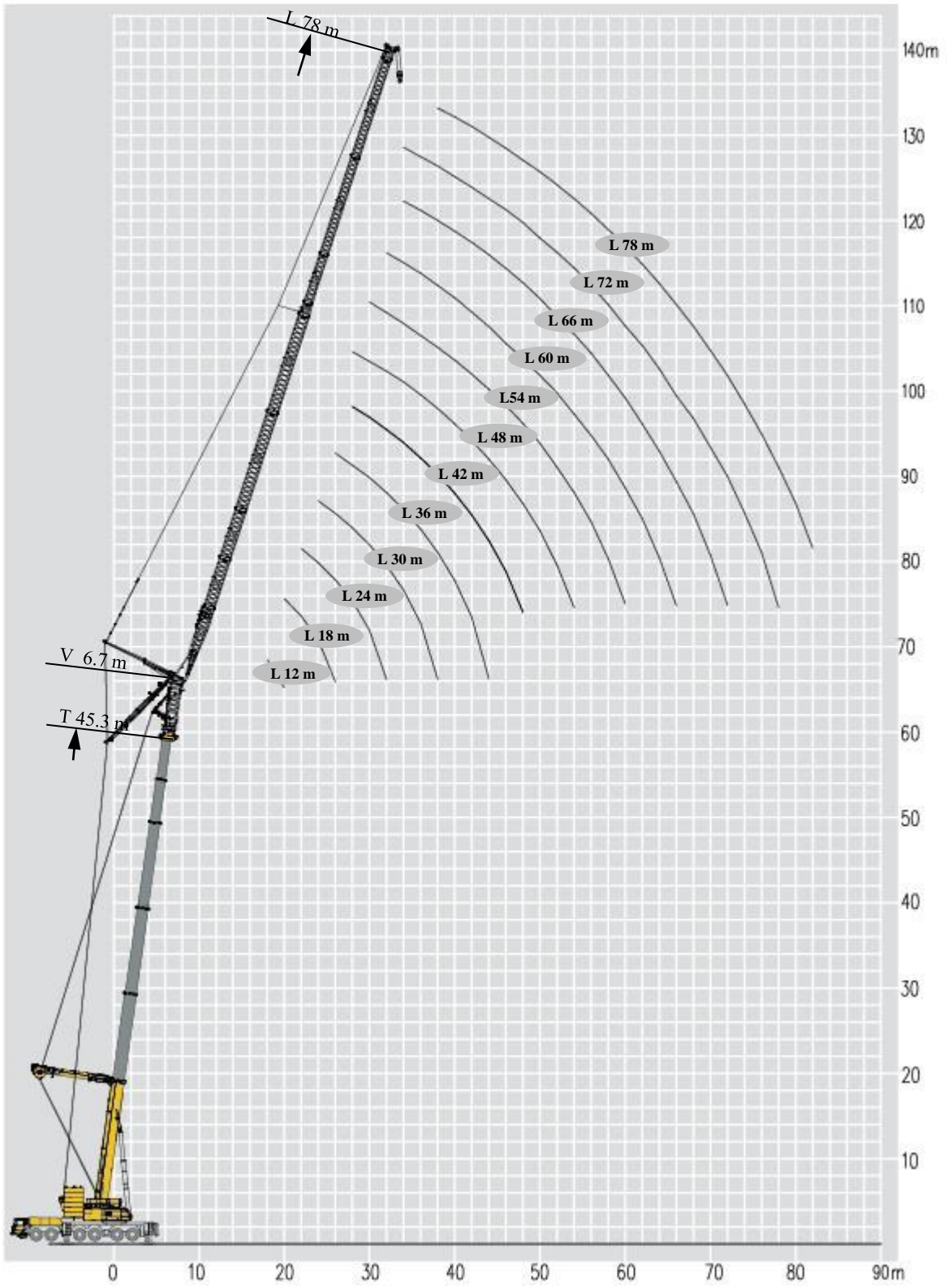
	55.5+2.2 m		60.5+2.2m		65.6+2.2 m	
	12m	12m	12m	12m	12m	12m
12						12
14	35.0	35.5				14
16	33.1	33.6	31.9	31.8	28.1	16
18	30.6	31.8	30.0	31.0	27.8	18
20	29.8	30.1	29.0	29.9	27.2	20
22	28.3	28.6	27.8	28.6	26.7	22
24	27.0	27.4	26.6	27.4	25.7	24
26	25.9	26.1	25.6	26.4	24.7	26
28	24.7	25.0	24.6	25.2	23.7	28
30	23.7	24.0	23.7	23.7	22.6	30
32	22.6	22.0	22.7	22.0	21.3	32
34	21.0	21.0	21.6	20.0	19.9	34
36	19.9	18.9	19.0	19.0	18.5	36
38	17.8	17.0	18.0	17.0	17.3	38
40	16.8	15.7	16.8	16.0	16.0	40
42	15.0	14.5	15.0	14.7	14.0	42
44	13.9	13.0	14.0	13.0	13.0	44
46	12.7	11.9	13.0	12.0	12.0	46
48	11.5	11.0	11.8	10.8	11.0	48
50	10.5	9.6	11.0	9.9	10.0	50
52	9.4	8.6	9.9	8.9	9.2	52
54	8.4	7.5	8.9	7.9	8.2	54
56	7.3	6.4	7.9	6.8	7.2	56
58	5.9	5.4	6.8	5.7	6.2	58
60	5.2	4.4	5.8	4.7	5.2	60
62	4.4	3.5	4.9	3.8	4.4	62
64	2.8	2.6	4.0	2.9	3.5	64
66	2.8	1.7	3.2	2.2	2.7	66
68			2.5		1.9	68
70			1.8			70
combination	12221	22211	12222	22221	22222	combination
Parts of line	3	3	3	3	3	Parts of line
Weight	1.1t					Weight

Lifting capacities

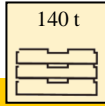
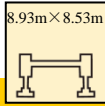
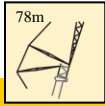
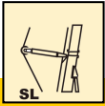
	40.2+2.2 m		45.3+2.2 m		45.3+2.2m		50.4+2.2m		50.4+2.2 m	
	6m		6m		6m		6m		6m	
10	57.5	55.3	54.4							10
12	57.5	54.3	53.4				47.5	46.6		12
14	54.5	52.3	51.5				46.8	45.5		14
16	51.0	50.0	49.2				45.0	43.5		16
18	47.0	46.4	45.5				43.0	42.0		18
20	43.1	41.0	40.5				40.0	39.0		20
22	37.1	37.6	36.5				36.0	35.0		22
24	34.5	34.5	33.5				33.6	33.5		24
26	31.6	30.2	30.7				30.5	30.4		26
28	28.2	28.3	27.8				28.0	27.2		28
30	26.2	25.7	25.2				25.4	25.0		30
32	23.5	23.5	23.1				23.1	23.0		32
34	21.2	21.2	20.8				21.2	20.5		34
36	19.5	19.1	18.9				19.3	18.6		36
38	17.6	17.5	16.7				17.6	16.9		38
40	15.9	15.7	15.5				15.9	15.4		40
42	14.7	14.5	13.6				14.7	13.7		42
44	13.2	13.0	12.6				13.2	12.5		44
46	10.7	11.5	11.1				11.7	11.1		46
48	6.1	10.3	9.8				10.6	9.8		48
50		8.7	8.1				9.0	8.5		50
52		6.1	5.7				8.1	7.2		52
54		2.3	1.8				6.8	6.0		54
56							5.5	4.6		56
58										58
60										60
62										62
64										64
combination	11111	12111	21111				12211	22111		combination
Parts of line	5	5	5				5	4		Parts of line
Weight			1.4t							Weight

Lifting capacities

	     					
	55.5+2.2 m	55.5+2.2 m	60.5+2.2m	60.5+2.2m	65.6+2.2 m	
	6m	6m	6m	6m	6m	
10						10
12	42.5	41.3				12
14	41.8	40.5	37.6	36.0		14
16	40.6	39.4	36.7	35.3	31.4	16
18	39.1	37.9	35.7	34.4	30.7	18
20	37.4	36.3	34.3	33.1	30.0	20
22	35.5	34.4	32.9	31.8	29.1	22
24	32.0	32.0	31.4	30.5	27.9	24
26	30.0	29.0	29.3	29.0	26.8	26
28	28.3	27.0	27.0	26.0	25.3	28
30	25.2	24.5	25.0	24.0	23.8	30
32	23.1	22.0	23.0	22.0	22.0	32
34	21.0	21.0	21.0	21.0	20.0	34
36	19.5	18.9	19.9	18.9	18.9	36
38	17.8	16.8	17.8	17.0	17.0	38
40	16.2	15.5	16.8	15.7	15.8	40
42	14.7	13.7	14.9	14.2	14.7	42
44	13.5	12.6	13.6	12.4	13.0	44
46	12.3	11.4	12.6	11.6	12.0	46
48	10.9	10.0	11.5	10.4	11.1	48
50	9.8	8.9	10.3	9.3	9.7	50
52	8.6	7.7	9.2	8.1	8.7	52
54	7.4	6.3	8.1	6.9	7.5	54
56	6.2	5.2	6.9	5.8	6.4	56
58	5.3	4.1	5.9	4.8	5.2	58
60	4.3	3.1	5.0	3.8	4.3	60
62	2.6		4.1	2.8	3.6	62
64					2.7	64
combination	12221	22211	12222	22221	22222	combination
Parts of line	4	4	4	3	3	Parts of line
Weight	1.4t			1.1t		Weight

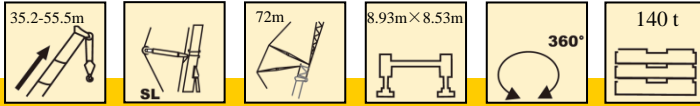


Lifting capacities



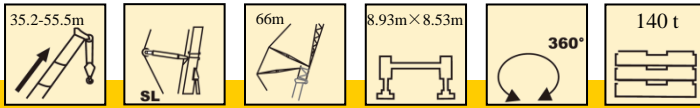
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	
	78m	78 m	78m	78 m	78 m	
32	4.8					32
34	4.9	4.5	3.5			34
36	4.9	4.6	3.5	2.4		36
38	4.9	4.6	3.6	2.4	1.6	38
40	4.9	4.6	3.6	2.7	1.7	40
42	4.8	4.6	3.7	2.9	1.9	42
44	4.8	4.6	3.7	3	2.1	44
46	4.8	4.5	3.8	3	2.4	46
48	4.8	4.5	3.8	3	2.6	48
50	4.7	4.4	3.9	3	2.6	50
52	4.7	4.3	3.9	3	2.6	52
54	4.6	4.2	3.8	3	2.7	54
56	4.6	4.2	3.8	3	2.7	56
58	4.3	4	3.7	3	2.7	58
60	4.3	4	3.7	3	2.7	60
62	4.2	4	3.6	2.9	2.7	62
64	4.2	4	3.6	2.8	2.7	64
66	4.1	3.9	3.5	2.7	2.7	66
68	4.1	3.8	3.4	2.5	2.5	68
70	4	3.7	3.3	2.4	2.4	70
72	4	3.7	3.2	2.3	2.3	72
74	4.0	3.7	3.1	2.2	2.2	74
76	3.8	3.4	2.9	2.1	2.1	76
78	3.8	3.3	2.8	2	2.0	78
80	3.7	3.2	2.7	1.9	1.9	80
82	3.5	3.1	2.5	1.8	1.7	82
84				1.6	1.6	84
combination	11110	21110	21111	22111	22211	combination
Parts of line	1	1	1	1	1	Parts of line
Weight			0.46t			Weight

Lifting capacities



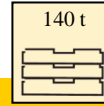
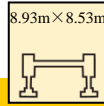
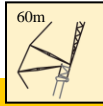
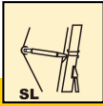
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	
	72m	72m	72m	72m	72m	
30	6.5					30
32	6.5	5.6	5.1			32
34	6.5	5.7	5.3	3.4	2.6	34
36	6.6	5.8	5.4	3.7	2.9	36
38	6.6	5.9	5.4	3.9	3.2	38
40	6.6	5.9	5.5	4.1	3.7	40
42	6.5	6.0	5.5	4.1	3.9	42
44	6.5	6.0	5.5	4.1	3.9	44
46	6.5	6.0	5.5	4.1	3.9	46
48	6.4	6.0	5.4	4.1	3.9	48
50	6.4	5.9	5.4	4.1	3.9	50
52	6.4	5.9	5.4	4.1	3.9	52
54	6.3	5.9	5.3	3.9	3.8	54
56	6.2	5.8	5.3	3.9	3.8	56
58	6.1	5.8	5.2	3.9	3.8	58
60	6.0	5.7	5.1	3.9	3.8	60
62	5.9	5.7	5.0	3.8	3.7	62
64	5.8	5.6	4.9	3.7	3.6	64
66	5.8	5.5	4.7	3.6	3.5	66
68	5.7	5.4	4.6	3.5	3.4	68
70	5.6	5.2	4.5	3.4	3.4	70
72	5.5	5.1	4.4	3.3	3.3	72
74	5.4	5.0	4.2	3.2	3.2	74
76	5.0	4.9	4.1	3	3.0	76
78			4.0	2.8	2.8	78
combination	11110	21110	21111	22111	22211	combination
Parts of line	1	1	1	1	1	Parts of line
Weight			0.46t			Weight

Lifting capacities





	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	
	66m	66m	66m	66m	66m	
28	8.2					28
30	8.2	7.2	6.8			30
32	8.4	7.3	6.9	6.0		32
34	8.5	7.5	7.0	6.1	3.9	34
36	8.5	7.6	7.1	6.3	4.4	36
38	8.5	7.7	7.1	6.3	4.9	38
40	8.4	7.7	7.1	6.3	5.3	40
42	8.4	7.8	7.1	6.2	5.3	42
44	8.4	7.8	7.0	6.2	5.3	44
46	8.2	7.8	7.0	6.1	5.4	46
48	8.1	7.8	6.9	6.1	5.3	48
50	8.0	7.7	6.9	6.0	5.3	50
52	7.9	7.7	6.8	6.0	5.3	52
54	7.9	7.6	6.7	5.9	5.3	54
56	7.8	7.6	6.6	5.9	5.3	56
58	7.7	7.5	6.5	5.8	5.1	58
60	7.6	7.4	6.4	5.7	5.0	60
62	7.5	7.2	6.3	5.6	5.0	62
64	7.3	7.2	6.2	5.5	4.9	64
66	6.8	6.9	6.0	5.4	4.9	66
68	6.6	6.7	5.8	5.3	4.8	68
70	6.2	6.3	5.5	5.0	4.6	70
72			5.4	4.8	4.4	72
combination	11110	21110	21111	22111	22211	combination
Parts of line	1	1	1	1	1	Parts of line
Weight	0.46t					Weight



Lifting capacities



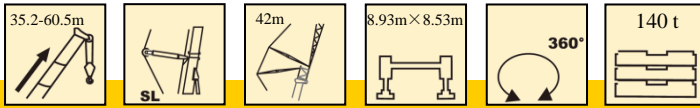
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	
	60m	60m	60m	60m	60m	60m	
28	9.9	9.3					28
30	10.0	9.5	8.5	7.2			30
32	10.1	9.6	8.7	7.7	6.2		32
34	10.3	9.7	8.9	7.9	6.4	4.6	34
36	10.4	9.8	9.0	8.0	6.5	5.7	36
38	10.6	9.9	9.0	8.1	6.7	5.9	38
40	10.5	9.9	8.9	8.0	6.7	6.0	40
42	10.3	9.8	8.9	7.8	6.6	6.1	42
44	10.2	9.7	8.9	7.8	6.6	6.1	44
46	10.1	9.7	8.8	7.8	6.5	6.0	46
48	10.0	9.7	8.8	7.7	6.5	6.0	48
50	9.7	9.6	8.7	7.7	6.4	6.0	50
52	9.7	9.5	8.6	7.6	6.4	5.9	52
54	9.6	9.4	8.4	7.5	6.2	5.8	54
56	9.5	9.3	8.3	7.5	6.2	5.7	56
58	9.5	8.9	8.2	7.4	6.1	5.6	58
60	9.3	8.5	8.1	7.3	6.1	5.5	60
62	8.8	8.0	7.9	7.1	6.0	5.4	62
64	8.3	7.6	7.6	7.0	5.9	5.4	64
66			7.3	6.9	5.8	5.3	66
68						5.1	68
combination	11110	21110	21111	22111	22211	22221	combination
Parts of line	1	1	1	1	1	1	Parts of line
Weight	0.46t						Weight

Lifting capacities

	35.2-60.5m		54m		8.93m×8.53m		360°		140 t		
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m					
	54m	54m	54m	54m	54m	54m					
26	12.6	12.2									26
28	13.0	12.3	11.3								28
30	13.2	12.4	11.3	9.9	7.1						30
32	13.4	12.6	11.5	10.2	8.3	7.8					32
34	13.2	12.6	11.5	10.3	8.6	7.9					34
36	13.0	12.5	11.4	10.4	8.7	8.0					36
38	12.9	12.5	11.4	10.3	8.8	8.0					38
40	12.7	12.3	11.3	10.1	8.8	8.0					40
42	12.5	12.3	11.3	10.0	8.6	8.0					42
44	12.4	12.2	11.3	9.9	8.5	7.9					44
46	12.3	12.1	11.2	9.8	8.5	7.8					46
48	12.2	11.7	11.0	9.7	8.3	7.7					48
50	12.1	11.2	10.8	9.6	8.2	7.6					50
52	11.7	10.6	10.6	9.5	8.1	7.4					52
54	11.0	10.1	10.4	9.3	7.9	7.2					54
56	10.5	9.7	10.4	9.1	7.7	7.1					56
58	10.0	9.1	10.0	9.0	7.4	7.0					58
60			9.5	9.0	7.2	6.9					60
62						6.8					62
combination	11110	21110	21111	22111	22211	22221					combination
Parts of line	2	1	1	1	1	1					Parts of line
Weight	1.1t			0.46t							Weight



	35.2-60.5m		48m		8.93m×8.53m		360°		140 t		
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m					
	48m	48m	48m	48m	48m	48m					
24	16.1	14.2									24
26	16.4	14.8	13.6								26
28	16.5	15.2	14.0	12.0	10.6						28
30	16.4	15.5	14.2	12.7	10.9	9.4					30
32	16.3	15.6	14.3	13.0	11.1	9.6					32
34	16.1	15.5	14.2	13.0	11.2	9.6					34
36	16.0	15.5	14.1	12.9	11.1	9.5					36
38	15.7	15.4	14.0	12.8	11.0	9.5					38
40	15.6	15.2	13.8	12.6	10.9	9.4					40
42	15.2	14.9	13.4	12.5	10.7	9.2					42
44	14.8	14.5	13.2	12.1	10.3	9.1					44
46	13.8	13.7	13.0	11.8	9.9	8.9					46
48	13.2	13.1	12.8	11.5	9.7	8.7					48
50	12.5	12.5	12.5	11.4	9.5	8.6					50
52	11.7	11.9	11.9	11.3	9.2	8.4					52
54			11.4	11.1	9.1	8.2					54
56						8.0					56
combination	11110	21110	21111	22111	22211	22221					combination
Parts of line	2	2	2	1	1	1					Parts of line
Weight		1.1t			0.46t						Weight



Lifting capacities







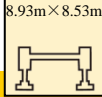

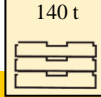

	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	
	42m	42m	42m	42m	42m	42m	
22	20.0	17.9					22
24	20.3	18.4	17.0				24
26	20.5	18.9	17.3	13.9			26
28	20.2	19.0	17.2	15.4	10.8	11.5	28
30	19.8	18.9	17.2	15.7	13.1	11.4	30
32	19.1	18.6	17.2	15.6	13.3	11.3	32
34	18.3	18.5	17.1	15.4	13.1	11.2	34
36	17.5	17.6	16.8	15.2	13.1	11.1	36
38	16.4	16.7	16.5	15.0	12.9	11.0	38
40	15.7	15.3	16.1	14.6	12.7	10.8	40
42	14.7	14.6	15.5	14.4	12.5	10.6	42
44	14.2	14.6	14.6	13.9	12.3	10.3	44
46	13.5	13.9	14.0	13.6	12.1	10.0	46
48			13.4	13.5	11.9	9.8	48
combination	11110	21110	21111	22111	22211	22221	combination
Parts of line	2	2	2	2	1	1	Parts of line
Weight	1.1t				0.46t		Weight





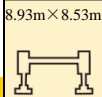

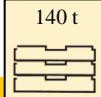

Lifting capacities




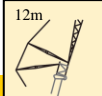
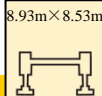

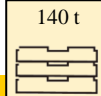

	35.2-65.6m		SL		36m		8.93m×8.53m		360°		140 t		
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	65.6+6.7m						
	36m	36m	36m	36m	36m	36m	36m						
20	22.2											20	
22	23.1	22.5	17.1									22	
24	24.1	23.0	19.4	18.6								24	
26	24.8	23.2	21.0	19.2	16.5	14.3						26	
28	24.5	23.1	21.1	19.1	16.4	14.2	12.5					28	
30	24.1	22.8	20.8	18.7	16.3	14.1	12.3					30	
32	23.2	22.3	20.6	18.5	15.9	13.7	12.1					32	
34	22.1	21.2	20.2	18.3	15.7	13.5	11.8					34	
36	21.2	20.2	19.9	17.9	15.5	13.2	11.6					36	
38	20.3	19.2	19.6	17.6	15.2	13.1	11.3					38	
40	19.4	18.3	18.9	17.4	14.9	12.7	11.1					40	
42			18.1	16.9	14.7	12.5	10.9					42	
44					14.2	12.0	10.6					44	
combination	11110	21110	21111	22111	22211	22221	22222					combination	
Parts of line	2	2	2	2	2	2	2					Parts of line	
Weight	1.1t											Weight	

	35.2-65.6m		SL		30m		8.93m×8.53m		360°		140 t		
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	65.6+6.7m						
	30m	30m	30m	30m	30m	30m	30m						
18	26.5											18	
20	27.8	27.5										20	
22	29.4	28.2	25.6	23.3								22	
24	30.3	28.1	25.5	23.0	19.9	17.4						24	
26	30.2	27.7	25.2	22.6	19.5	17.2	15.0					26	
28	29.6	26.9	24.7	22.3	19.2	16.7	14.6					28	
30	27.9	25.5	24.3	22.0	19.0	16.3	14.3					30	
32	26.5	24.1	23.8	21.5	18.5	16.0	14.1					32	
34	24.9	22.7	22.6	21.1	18.2	15.7	13.7					34	
36		21.5	21.5	20.2	17.8	15.4	13.4					36	
38					17.5	15.0	13.0					38	
combination	11110	21110	21111	22111	22211	22221	22222					combination	
Parts of line	3	3	3	2	2	2	2					Parts of line	
Weight	1.1t											Weight	

Lifting capacities

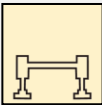

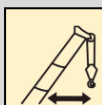
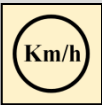


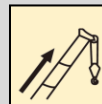


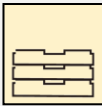


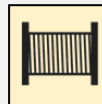

	     								
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	65.6+6.7m		
	24m	24m	24m	24m	24m	24m	24m		
16	31.1							16	
18	33.2	32.1						18	
20	35.7	34.0	30.5	27.7				20	
22	36.5	33.6	30.7	27.2	23.3	20.5		22	
24	35.6	32.4	30.2	26.7	22.9	20.1	17.5	24	
26	33.7	30.6	29.7	26.3	22.6	19.7	17.2	26	
28	31.7	28.9	28.9	25.6	22.1	19.1	16.8	28	
30		27.2	27.4	24.3	21.7	18.6	16.3	30	
32					21.3	18.2	15.6	32	
combination	11110	21110	21111	22111	22211	22221	22222	combination	
Parts of line	3	3	3	3	2	2	2	Parts of line	
Weight	1.1t								Weight

	     								
	35.2+6.7 m	40.2+6.7 m	45.3+6.7m	50.4+6.7 m	55.5+6.7m	60.5+6.7m	65.6+6.7m		
	18m	18m	18m	18m	18m	18m	18m		
14	37.8							14	
16	41.2	40.2						16	
18	43.3	40.9	36.5	32.1				18	
20	43.4	40.1	35.9	31.5	27.6	23.9		20	
22	41.3	37.5	35.3	30.8	27.1	23.4	20.3	22	
24		35.1	33.6	29.6	26.6	22.9	19.9	24	
26					25.3	22.5	19.3	26	
combination	11110	21110	21111	22111	22211	22221	22222	combination	
Parts of line	4	4	4	3	3	2	2	Parts of line	
Weight	1.4t			1.1t					Weight

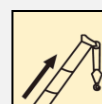
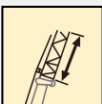
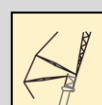

	     							
	35.2+6.7 m		40.2+6.7 m		45.3+6.7m			
	12m		12m		12m			
12	54.1		48.9				12	
14	54.9		47.9		43.3		14	
16	51.6		45.2		42.1		16	
18							18	
combination	11110		21110		21111		combination	
Parts of line	5		5		4		Parts of line	
Weight	1.4t							Weight

Description of symbols

General symbols

	Outriggers		Axle
	Radius		Driving speed
	Boom angle		Grade ability
	Boom length		Tyres
	Hook block		Counterweight
	360° rotation		Superstructure
	Winch		Chassis

Crane specific symbols

	Boom		Fixed jib
	Luffing jib		Wind power jib

Main technical parameters list

Category	Item	Unit	Parameter	
Dimensions	Outline size (lengthch×width×height)	mm	17674×3000×4000	
	Wheel base	mm	1650+3100+1650+2440+1650	
	Track (Front/ Rear)	mm	2590/2590/2590/2590/2590/2590/2590	
	Front/ Rear overhang	mm	2693/2339	
	Front/ Rear extension	mm	2132/0	
Hook Weight		kg	72000	
	1st axle	kg	12000	
	2nd axle	kg	12000	
	3rd axle	kg	12000	
	4th axle	kg	12000	
	5th axle	kg	12000	
	6th axle	kg	12000	
Power	Engine model	—	OM502LA.E3B/2	OM502LA.E3A/3
	Engine rated power/ rpm	kW/(r/min)	442.6/1800	421.5 /1800
	Engine rated torque/rpm	N.m/(r/min)	2800/1300	2700 /1300
Travel	Max. travel speed	km/h	80	
	Min. travel speed	km/h	2	
	Min. turning diameter	m	≤23	
	Min. ground clearance	mm	280	
	Approach angle	°	16	
	Departure angle	°	15	
	Braking distance (at 30 km/h)	m	≤10	
	Max. grade ability	%	≥57	
	Fuel consumption per 100 km	L	89.2	
Noise	Exterior noise level	dB(A)	≤84	
	驾驶员耳旁噪声 Noise level at seated position	dB(A)	≤90	

Transportation plan

Category	Item		Unit	Parameter	
Main performance	Max. total rated lifting capacity		t	450	
	Min. rated working radius		m	3	
	Turning radius at turntable tail		mm	5700	
	Max. load moment	Base boom	kN.m	10500	
		Fully-extended boom	kN.m	8840	
	Outrigger span	Longitudinal	m	8.93	
		Lateral	m	8.53	
	Hoist height	Base boom	m	16.07	
		Fully-extended boom	m	70.36	
		Fully-extended boom + Luffing Jib	m	133	
	Boom length	Base boom	m	14.9	
		Fully-extended boom	m	70	
		Fully-extended boom + Jib	m	112	
		Fully-extended boom + Luffing Jib	m	155	
jib offset angle		°	0、20、40、60		
Working speed	Boom raising time		s	≤85	
	Boom fully extended time		s	≤900	
	Max. slewing speed		r/min	≥1.2	
	Outrigger extending and retracting time	Outrigger beam	Retracting	s	≤20
			Extending	s	≤35
		Outrigger jack	Retracting	s	≤40
			Extending	s	≤70
	Hoisting speed (single line, 8th layer, no load)	Main winch	m/min	≥130	
Auxiliary winch of Luffing Jib		m/min	≥125		
Noise	Exterior noise level		dB (A)	122	
	Noise level at seated position		dB (A)	90	

Notes

1. The total rated loads given in the rated load charts are the maximum lifting capacity when the crane is set up on firm and level ground, which includes the weight of the hook block and slings. The weight of above-mentioned devices should be deducted from the rated lifting load.
2. The working radius shown in the rated load charts is the radius when the load is lifted off the ground, and it is the actual value including loaded boom deflection. Take boom deflection into consideration before beginning a lifting operation.
3. A lifting operation is permissible only when the wind force is below grade 5 (instantaneous wind speed is 14.1 m/s, wind pressure is 125 N/m²).
4. Before beginning lifting operation, the operator should know the weight of the load to be lifted and its working range, and then select proper working conditions. Never operate the crane beyond the limit shown in the chart. Use the lower value from the chart when the boom length or working radius is between the range of values.
5. Observe the boom angle limit. Never operate the crane with the boom angle beyond the recommended limit even if a load is not being carried. Otherwise, the crane will tip.
6. The boom should be extended according to the telescoping code shown by digits, which means the percentage of boom sections extended.



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